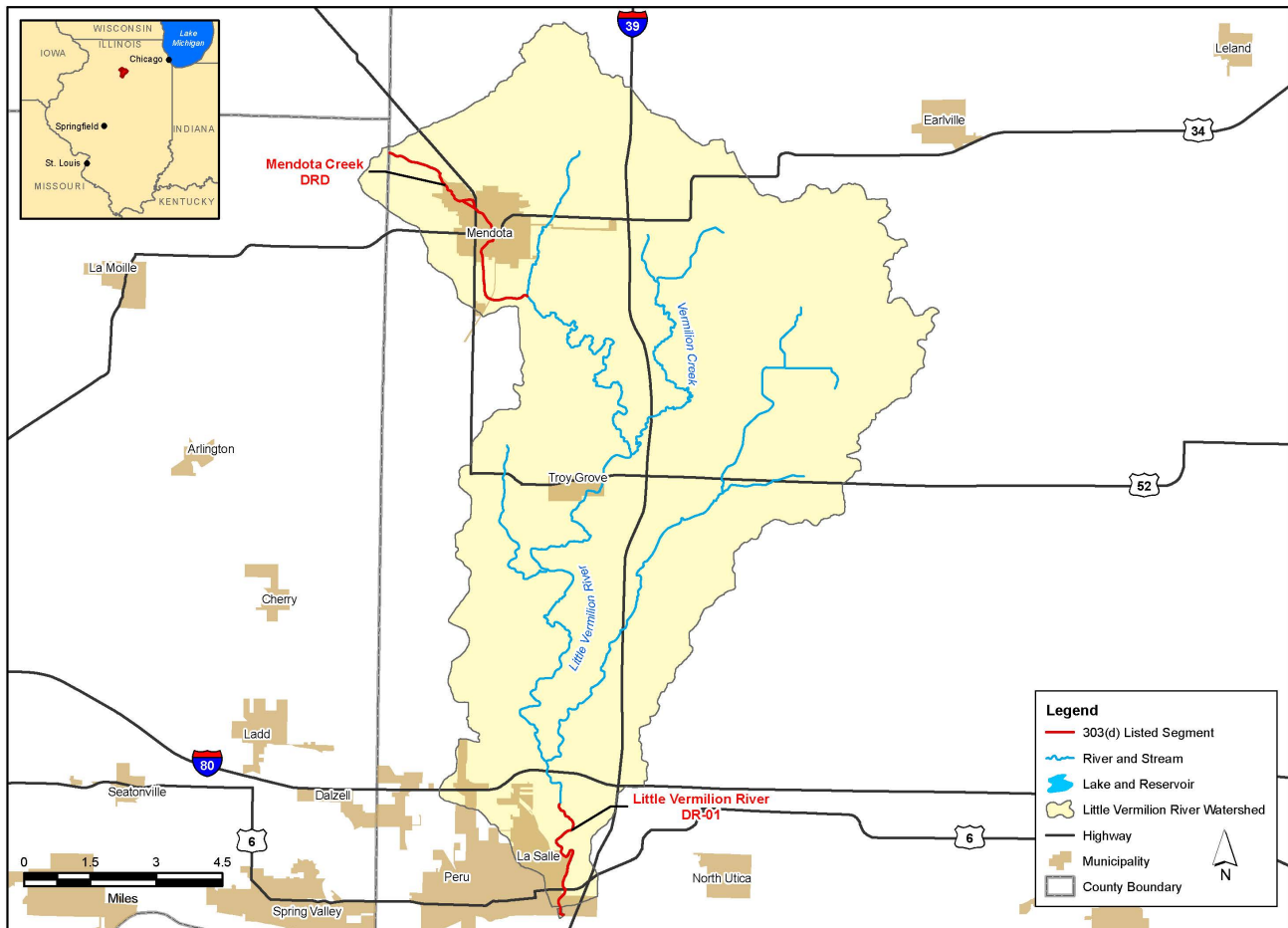




IEPA/BOW/18-002

Little Vermilion River (LaSalle County) TMDL Report



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TMDL Development for the Little Vermilion River (LaSalle County) Watershed

This file contains the following documents:

- 1) USEPA Approval Letter and Decision Document for the Final TMDL Report
- 2) Combined Stages 1-3 TMDL Development Report

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

MAY 04 2018

REPLY TO THE ATTENTION OF

WW-16J

Sanjay Sofat, Chief
Bureau of Water
Illinois Environmental Protection Agency
P.O. Box 19276
Springfield, Illinois 62794-9276

Dear Mr. Sofat:

The U.S. Environmental Protection Agency has conducted a complete review of the final Total Maximum Daily Loads (TMDL) for fecal coliform, chloride, and zinc for the Little Vermilion River, including supporting documentation and follow up information. The waterbody is located in north-central Illinois. The TMDLs submitted by the Illinois Environmental Protection Agency address the impaired Aquatic Life and Primary Contact Uses for the waterbody.

The TMDLs meet the requirements of Section 303(d) of the Clean Water Act and EPA's implementing regulations at 40 C.F.R. Part 130. Therefore, EPA hereby approves Illinois's three TMDLs for fecal coliform, chloride, and zinc as noted in the enclosed decision document. The statutory and regulatory requirements, and EPA's review of Illinois's compliance with each requirement, are described in the enclosed decision document.

We wish to acknowledge Illinois's effort in submitting these TMDLs and look forward to future TMDL submissions by the State of Illinois. If you have any questions, please contact Mr. Peter Swenson, Chief of the Watersheds and Wetlands Branch, at 312-886-0236.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Korleski".

Handwritten initials "CK" in black ink.
Christopher Korleski
Director, Water Division

Enclosure

cc: Abel Haile, IEPA

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TMDL: Little Vermilion River, LaSalle County, Illinois
Date: 5/04/2018

DECISION DOCUMENT FOR THE APPROVAL OF THE LITTLE VERMILION RIVER, IL TMDL

Section 303(d) of the Clean Water Act (CWA) and EPA's implementing regulations at 40 C.F.R. Part 130 describe the statutory and regulatory requirements for approvable TMDLs. Additional information is generally necessary for EPA to determine if a submitted TMDL fulfills the legal requirements for approval under Section 303(d) and EPA regulations, and should be included in the submittal package. Use of the verb "must" below denotes information that is required to be submitted because it relates to elements of the TMDL required by the CWA and by regulation. Use of the term "should" below denotes information that is generally necessary for EPA to determine if a submitted TMDL is approvable. These TMDL review guidelines are not themselves regulations. They are an attempt to summarize and provide guidance regarding currently effective statutory and regulatory requirements relating to TMDLs. Any differences between these guidelines and EPA's TMDL regulations should be resolved in favor of the regulations themselves.

1. Identification of Waterbody, Pollutant of Concern, Pollutant Sources, and Priority Ranking

The TMDL submittal should identify the waterbody as it appears on the State's/Tribe's 303(d) list. The waterbody should be identified/georeferenced using the National Hydrography Dataset (NHD), and the TMDL should clearly identify the pollutant for which the TMDL is being established. In addition, the TMDL should identify the priority ranking of the waterbody and specify the link between the pollutant of concern and the water quality standard (see Section 2 below).

The TMDL submittal should include an identification of the point and nonpoint sources of the pollutant of concern, including location of the source(s) and the quantity of the loading, e.g., lbs/per day. The TMDL should provide the identification numbers of the NPDES permits within the waterbody. Where it is possible to separate natural background from nonpoint sources, the TMDL should include a description of the natural background. This information is necessary for EPA's review of the load and wasteload allocations, which are required by regulation.

The TMDL submittal should also contain a description of any important assumptions made in developing the TMDL, such as:

- (1) the spatial extent of the watershed in which the impaired waterbody is located;
- (2) the assumed distribution of land use in the watershed (e.g., urban, forested, agriculture);
- (3) population characteristics, wildlife resources, and other relevant information affecting the characterization of the pollutant of concern and its allocation to sources;
- (4) present and future growth trends, if taken into consideration in preparing the TMDL (e.g., the TMDL could include the design capacity of a wastewater treatment facility);
- and
- (5) an explanation and analytical basis for expressing the TMDL through *surrogate*

measures, if applicable. *Surrogate measures* are parameters such as percent fines and turbidity for sediment impairments; chlorophyll *a* and phosphorus loadings for excess algae; length of riparian buffer; or number of acres of best management practices.

Comment:

Location Description: The Illinois Environmental Protection Agency (IEPA) developed TMDLs for fecal coliform, chloride, and zinc for impaired waters in the Little Vermilion River watershed in north-central Illinois (Table 1 of this Decision Document). The Little Vermilion River watershed is located in LaSalle County, and flows south into the Illinois River near LaSalle, Illinois (Figure 1-1 of the TMDL). Table 1 of this Decision Document lists the waterbodies addressed by this TMDL.

Table 1 TMDLs in the Little Vermilion River watershed

Segment ID	Segment Name	Designated use	Pollutant Addressed
DR-01	Little Vermilion River	Aquatic Life	Chloride
			Zinc
		Primary Contact Recreation	Fecal coliform

The Little Vermilion River watershed is approximately 80,000 acres in size. The impaired portion of the river is the downstream-most portion of the river, 3.79 miles in length. Mendota Creek is a tributary to the Little Vermilion River, and is also impaired. IEPA has not developed TMDLs for Mendota Creek, but instead has developed a Load Reduction Strategy (LRS) for total phosphorus, until numeric phosphorus criteria are developed for Illinois streams. LRSs have also been developed for total phosphorus and total suspended solids for the Little Vermilion River (Section 1.1 of the TMDL). IEPA also noted that TMDLs were not developed for pH in the Little Vermilion River and for dissolved oxygen in Mendota Creek. IEPA explained that recent monitoring data do not support the impairment listings, and the State will pursue a delisting decision in the next 303d listing cycle.

Distribution of land use: The land use for Little Vermilion River watershed is mainly agricultural, pasture, and urbanized in nature, with most of the agricultural land use in row crop (corn/soybean). Urban and open space makes up a significant portion of the watershed near the actual impaired segment (DR-01) (Section 2.3 and Figure 2-2 of the TMDL). IEPA noted that abandoned (1931) underground coal mining operations cover approximately 1,090 acres of land within the watershed. The City of Mendota is located within the watershed, with a population of approximately 7,200. A portion of the City of LaSalle (population 9,300) is located in the lowermost portion of the watershed. Table 2 of this Decision Document contains a summary of the land use for the Little Vermilion River watershed.

Table 2: Land use in the Little Vermilion River Watershed

Land Use	Little Vermilion River	
	%	acres
Agriculture - corn	45.9	36,943
Agriculture - soybeans	27.8	22,332
Developed	12.3	9,900
Grasslands	11.8	9,505
Other	2.2	1,740
Total	100	80,420

Problem Identification:

The Little Vermilion River segment DR-01 was added to the 1998 303(d) list for impairment due to high levels of phosphorus, metals, and fecal coliform. Chlorides were added in later 303(d) listings as a pollutant of concern.

Pollutants of Concern:

The pollutants of concern are fecal coliform, zinc, and chlorides (Table 1 of this Decision Document). IEPA developed LRSs to address pollutants that are not being addressed through a TMDL. LRSs have been developed for TSS and TP in Little Vermilion River, and for TP in Mendota Creek, a tributary to Little Vermilion River (Table 8-1 of the TMDL).

Pollutant:

Chlorides: Chloride is essential for aquatic life to carry out a range of biological functions. However, high concentrations of chloride in the surrounding water can harm cellular osmotic processes in aquatic life. Excessive dissolved chlorides in water may stress aquatic species and prohibit the transport of needed molecules into the cell. Persistent elevated concentrations of chloride in the water may result in aquatic life such as fish, invertebrates and even some plant species becoming stressed and/or dying.

Fecal coliform: Bacteria exceedances can negatively impact recreational uses (fishing, swimming, wading, boating, etc.) and public health. At elevated levels, bacteria may cause illness within humans who have contact with or ingest bacteria-laden water. Recreation-based contact can lead to ear, nose, and throat infections, and stomach illness.

Zinc: Zinc is an essential element in small amounts. However, in higher doses, zinc can be toxic to aquatic life. Zinc can deposit on the gills of fish and other aquatic life. The zinc can also build up in the liver and other organs, causing reproductive problems (Giardina, *et al.*, 2009, *Env. Toxicology and Chemistry*, v. 28, pp 287-295).

Priority Ranking:

The watershed was given priority for TMDL development due to the impairment impacts on the public value of the impaired water resource, and the timing as part of the Illinois basin monitoring process.

Source Identification (point and nonpoint sources):

Point Source Identification:

Zinc: IEPA identified several wastewater treatment facilities (WWTF) in the Little Vermilion River watershed, but noted that none of these systems are expected to discharge zinc (Section 8.3.1.4 of the TMDL). IEPA also noted that the Illinois Department of Transportation (IDOT) has a Municipal Separate Storm Sewer System (MS4) permit for roadways within the watershed. A small portion of the loading was assigned to this source.

Fecal coliform: IEPA identified seven individual point sources located in the Little Vermilion watershed (Table 8-11 of the TMDL). IEPA noted that five of these facilities are industrial dischargers, and are unlikely to discharge bacteria (Section 8.3.3.4 of the TMDL). The other two permitted facilities are WWTFs, which have allocations for fecal coliform assigned. IEPA also identified Combined Sewer Overflow (CSO) discharge outfalls in the watershed.

Chloride: IEPA identified two NPDES-permitted facilities in the Little Vermilion River watershed. One is the Carus Corporation, an industrial wastewater system in the watershed at the site of a former zinc-smelting operation. A chloride allocation was determined for this facility. IEPA also calculated a chloride load for the IDOT MS4 permit for roadways within the watershed. A portion of the loading was assigned to this source.

Nonpoint Source Identification: The potential nonpoint sources for the Little Vermilion River watersheds TMDLs are:

Fecal coliform:

Non-regulated stormwater runoff: Non-regulated stormwater runoff can add fecal coliform to the impaired waters. The sources of bacteria in stormwater include animal/pet wastes, and wildlife.

Animal Operations: Runoff from agricultural/animal lands may contain significant amounts of bacteria which may lead to impairments in the Little Vermilion River watershed. Manure spread onto fields is often a source of bacteria, and can be exacerbated by tile drainage lines, which channelize the stormwater. Tile lined fields and channelized ditches enable bacteria to move more efficiently into surface waters. Furthermore, livestock with direct access to a waterway can directly deposit nutrients via animal wastes into a waterbody, which may result in very high localized bacteria concentrations.

Failing septic systems: IEPA noted that failing septic systems, where waste material can pond at the surface and eventually flow into surface waters or be washed in during precipitation events, are potential sources of bacteria. IEPA consulted with the county health departments and determined that while some of the watershed is served by sewer systems, portions of the watershed are not, and the potential for septic failure is possible.

Chloride:

Road salt runoff: IEPA determined that the major source of chloride loading to the Little Vermilion River is run-off from roadways containing road salt (Section 5.3.5 of the TMDL).

Zinc:

Historical Smelting Operations: IEPA explained that the main source of zinc in the Little Vermilion River is from the historic smelting operations on the Matthiessen and Hegler Zinc Company site in LaSalle. The site no longer operates as a zinc smelter, but historical contamination is being addressed under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), or “Superfund”.

The EPA Superfund website notes “The Matthiessen and Hegeler Zinc Co. operated a zinc smelter on the industrial portion of the site from 1858 until 1961. The company added a rolling mill to its operations in 1866 to produce zinc sheets. The Matthiessen and Hegeler company declared bankruptcy in 1968, and only basic rolling mill operations took place from 1968 until 1978. The industrial portion of the site houses an inactive zinc smelting and rolling facility as well as an active chemical manufacturing plant, which is owned and operated by Carus Chemical Co. The site also includes the Little Vermilion River and a 6-acre slag pile located along the river containing metals such as cadmium, copper, chromium, lead, nickel and zinc.”
<https://cumulis.epa.gov/supercpad/SiteProfiles/index.cfm?fuseaction=second.Cleanup&id=0507364#bkground>)

Population and future growth trends: The population for the watershed is fairly small. IEPA did not account for any future growth in the watershed.

EPA finds that the TMDL document submitted by IEPA satisfies all requirements concerning this first element.

2. Description of the Applicable Water Quality Standards and Numeric Water Quality Target

The TMDL submittal must include a description of the applicable State/Tribal water quality standard, including the designated use(s) of the waterbody, the applicable numeric or narrative water quality criterion, and the antidegradation policy. (40 C.F.R. §130.7(c)(1)). EPA needs this information to review the loading capacity determination, and load and wasteload allocations, which are required by regulation.

The TMDL submittal must identify a numeric water quality target(s) - a quantitative value used to measure whether or not the applicable water quality standard is attained. Generally, the pollutant of concern and the numeric water quality target are, respectively, the chemical causing the impairment and the numeric criteria for that chemical (e.g., chromium) contained in the water quality standard. The TMDL expresses the relationship between any necessary reduction of the pollutant of concern and the attainment of the numeric water quality target. Occasionally, the pollutant of concern is different from the pollutant that is the subject of the numeric water quality target (e.g., when the pollutant of concern is phosphorus and the numeric water quality target is expressed as Dissolved Oxygen (DO) criteria). In such cases, the TMDL submittal should explain the linkage between the pollutant of concern and the chosen numeric water quality target.

Comment:

Designated Use/Standards: Section 4.2 of the TMDL states that the Little Vermilion River is not meeting the General Use designation. The applicable water quality standards (WQS) for these

waterbodies are established in Illinois Administrative Rules Title 35, Environmental Protection; Subtitle C, Water Pollution; Chapter I, Pollution Control Board; Part 302, Water Quality Standards, Subpart B for General Use Water Quality Standards. The portions of the WQS that apply to Little Vermilion River is General Use, specifically the Aquatic Life Use and Primary Contact Use (Section 4.2 of the TMDL).

Criteria: The applicable criteria are found in Table 3 of this Decision Document.

Table 3: WQSs for the Little Vermilion River DR-01

Pollutant	Units	Criteria
Chloride	mg/L	500
Zinc	µg/L	<i>Dissolved:</i> Acute = $e^{A+B\ln(H)} \times 0.978^*$ where A = 0.9035 and B = 0.8473 (not to be exceeded at any time) Chronic = $e^{A+B\ln(H)} \times 0.986^*$ where A = -0.4456 and B = 0.8473 (not to exceed the arithmetic average of 4 samples taken over at least 4 days)
Fecal coliform	Count/100 mL	May through October 200**, 400***

* - conversion factor multiplier for dissolved metals

** - geometric mean based upon a minimum of 5 samples in a 30 day period

*** - not to be exceeded by more than 10% of the samples in a 30 day period

Target: The water quality targets for these TMDLs are in Table 4 of this Decision Document. For zinc, IEPA determined that the chronic portion of the standard is most protective, and had the greatest number of exceedences (Table 5-1 of the TMDL). As the criteria for zinc is based upon the hardness of the water (zinc is less toxic in harder water), IEPA calculated the most restrictive value for zinc as 60.7 µg/L, based upon the lowest reported in-stream hardness of 219 mg/L (Section 7.2.1.2 of the TMDL). For fecal coliform, IEPA used the 200 counts per 100 mL monthly geometric mean portion of the standard to calculate loads in the Little Vermilion River (Section 7.2.1.4 of the TMDL).

Table 4: TMDL targets for the Little Vermilion River DR-01

Pollutant	Target
Chloride	500 mg/L
Zinc	60.7 µg/L
Fecal coliform	200 counts/100 mL

Other pollutants: As noted previously, IEPA has developed LRSs to address pollutants that do not have a numeric criterion. While these are not TMDLs, the LRSs will likely reduce other pollutants in the watershed. For these LRSs, IEPA developed water quality targets as goals to reduce TSS and TP impacts in flowing waters (Table 5 of this Decision Document). For these waters, the targets are:

Table 5: LRS Targets for the Little Vermilion River watershed

Waterbody	Segment ID	Pollutant	Target
Little Vermilion	DR-01	TP	0.289 mg/L
		TSS	25.3 mg/L
Mendota Creek	DRD	TP	0.289 mg/L

EPA finds that the TMDL document submitted by IEPA satisfies all requirements concerning this second element.

3. Loading Capacity - Linking Water Quality and Pollutant Sources

A TMDL must identify the loading capacity of a waterbody for the applicable pollutant. EPA regulations define loading capacity as the greatest amount of a pollutant that a water can receive without violating water quality standards (40 C.F.R. §130.2(f)).

The pollutant loadings may be expressed as either mass-per-time, toxicity or other appropriate measure (40 C.F.R. §130.2(i)). If the TMDL is expressed in terms other than a daily load, e.g., an annual load, the submittal should explain why it is appropriate to express the TMDL in the unit of measurement chosen. The TMDL submittal should describe the method used to establish the cause-and-effect relationship between the numeric target and the identified pollutant sources. In many instances, this method will be a water quality model.

The TMDL submittal should contain documentation supporting the TMDL analysis, including the basis for any assumptions; a discussion of strengths and weaknesses in the analytical process; and results from any water quality modeling. EPA needs this information to review the loading capacity determination, and load and wasteload allocations, which are required by regulation.

TMDLs must take into account *critical conditions* for stream flow, loading, and water quality parameters as part of the analysis of loading capacity. (40 C.F.R. §130.7(c)(1)). TMDLs should define applicable *critical conditions* and describe their approach to estimating both point and nonpoint source loadings under such *critical conditions*. In particular, the TMDL should discuss the approach used to compute and allocate nonpoint source loadings, e.g., meteorological conditions and land use distribution.

Comment:

The approach utilized by the IEPA to calculate the loading capacity for the fecal coliform, zinc, and chloride TMDLs is described in Section 7.2 of the final TMDL and are presented in Tables 6-8 of this Decision Document.

For the bacteria TMDL, a geometric mean of 200 cfu/100 ml fecal coliform for five samples equally spaced over a 30-day period was used to calculate the loading capacity of the TMDLs. IEPA determined that the geometric mean portion of the WQS provides the best overall characterization of the status of the watershed. The EPA agrees with this assertion, as stated in the preamble of *The Water Quality Standards for Coastal and Great Lakes Recreation Waters Final Rule* (69 FR 67218-67243, November 16, 2004) on page 67224, "...the geometric mean is the more relevant value for ensuring that appropriate actions are taken to protect and improve

water quality because it is a more reliable measure, being less subject to random variation, and more directly linked to the underlying studies on which the 1986 bacteria criteria were based."

IEPA stated that while the bacteria TMDL will focus on the geometric mean portion of the water quality standard (i.e., the chronic WQS of 200 cfu/100mL), attainment of the WQS involves the water body meeting both the chronic (200 cfu/100 mL) and acute (400 cfu/100 mL) portions of the water quality standard. EPA finds these assumptions to be reasonable.

Typically loading capacities are expressed as a mass per time (e.g. pounds per day). However, for bacteria loading capacity calculations, mass is not always an appropriate measure because bacteria is expressed in terms of organism counts. This approach is consistent with the EPA's regulations which define "load" as "an amount of matter that is introduced into a receiving water" (40 CFR §130.2). To establish the loading capacities for the Little Vermilion River bacteria TMDL, IEPA used Illinois's water quality standards for fecal coliform (200 cfu/100 mL). A loading capacity is, "the greatest amount of loading that a water can receive without violating water quality standards." (40 CFR §130.2). Therefore, a loading capacity set at the WQS will assure that the water does not violate WQS. IEPA's fecal coliform TMDL approach is based upon the premise that all discharges (point and nonpoint) must meet the WQS when entering the water body. If all sources meet the WQS at discharge, then the water body should meet the WQS and the designated use.

For the zinc and chloride TMDLs, water quality targets from Table 4 of this Decision Document (60.7 µg/L for zinc, 500 mg/L for chloride) were used to calculate the loading capacities.

Flow data from a nearby USGS gage (5439000) on the South Branch of the Kishwaukee River in DeKalb County were used to develop the Load Duration Curves (LDCs). IEPA chose this gage as a surrogate as no USGS gage is present on the Little Vermilion River. The watersheds are of similar size and land use, and flow data was available from 1925 to 2016 (Section 7.2.1.1 of the TMDL). Daily stream flows are necessary to implement the LDC approach.

The LDCs were created by multiplying individual flow values by the WQS and then multiplying that value by a conversion factor. The resulting points are plotted onto a load duration curve graph. The LDC graphs for Little Vermilion River have flow duration interval (percentage of time flow exceeded) on the X-axis and pollutant loads (number of bacteria or pollutant mass per unit time) on the Y-axis. The fecal coliform LDC used fecal coliform measurements in millions of bacteria per day, while the zinc and chloride LDCs used pounds per day. The curved line on a LDC graph represents the TMDL for the respective flow conditions observed at that location.

Pollutant values from the monitoring sites were converted to individual sampling loads by multiplying the sample concentration by the instantaneous flow measurement observed/estimated at the time of sample collection. The individual sampling loads were plotted on the same figure with the LDC (Figures 7-2 to 7-4 of the TMDL).

The LDC plot was subdivided into five flow regimes; very high flows (exceeded 0–10% of the time), high conditions (exceeded 10–40% of the time), mid-range flows (exceeded 40–60% of the time), low conditions (exceeded 60–90% of the time), and very low flows (exceeded 90–100% of the time). LDC plots can be organized to display individual sampling loads and the

calculated LDC. Watershed managers can interpret these plots (individual sampling points plotted with the LDC) to understand the relationship between flow conditions and water quality exceedances within the watershed. Individual sampling loads which plot above the LDC represent violations of the WQS and the allowable load under those flow conditions at those locations. The difference between individual sampling loads plotting above the LDC and the LDC, measured at the same flow, is the amount of reduction necessary to meet WQS.

The strengths of using the LDC method are that critical conditions and seasonal variation are considered in the creation of the LDC by plotting hydrologic conditions over the flows measured during the recreation season. Additionally, the LDC methodology is relatively easy to use and cost-effective. The weaknesses of the LDC method are that nonpoint source allocations cannot be assigned to specific sources, and specific source reductions are not quantified. Overall, IEPA believes and EPA concurs that the strengths outweigh the weaknesses for the LDC method.

Implementing the results shown by the LDC requires watershed managers to understand the sources contributing to the water quality impairment and which Best Management Practices (BMPs) may be the most effective for reducing pollutant loads based on flow magnitudes. Different sources will contribute pollutant loads under varying flow conditions. For example, if exceedances are significant during high flow events this would suggest storm events are the cause and implementation efforts can target BMPs that will reduce stormwater runoff and consequently pollutant loading into surface waters. This allows for a more efficient implementation effort.

The TMDLs for the Little Vermilion River were calculated as appropriate. The regulated permittees discharging fecal coliform, zinc, and chloride have allocations determined for them (Table 6-8 of this Decision Document). The load allocations were calculated after the determination of the Margin of Safety. Other load allocations (ex. non-regulated stormwater runoff, wildlife inputs, etc.) were not divided amongst individual nonpoint contributors. Instead, load allocations were combined together into a generalized loading.

Review of the LDC for zinc indicates that exceedances are occurring under all flow conditions, but are more significant during lower flows, suggesting precipitation events are not the main cause of zinc loading. The LDC for chlorides has only two exceedances, of which one is anomalously high (9,880 mg/L), and the other barely exceeds the WQS (532 mg/L). Both of these exceedances occurred under lower flow conditions, and were from 2003 and 2005, respectively. IEPA noted that more recent monitoring since 2013 does not indicate chloride exceedances. The LDC for fecal coliform shows exceedances under all flow conditions, and in similar magnitudes, indicating a variety of sources are contributing to the impairment.

Tables 6-8 of this Decision Document calculates ten points (the midpoints of the designated flow regime) on the loading capacity curves. However, it should be understood that the components of the TMDL equation could be illustrated for any point on the entire loading capacity curve. The load duration curve method can be used to display collected pollutant monitoring data and allows for the estimation of load reductions necessary for attainment of the appropriate water quality standards. Using this method, daily loads were developed based upon the flow in the water body. Loading capacities were determined for the segment for multiple flow regimes. This allows the

TMDLs to be represented by an allowable daily load across all flow conditions. Although there are numeric loads for each flow regime, the LDC is what is being approved for these TMDLs.

Table 6: Zinc TMDL summary for Little Vermilion River (DR-01)

Zone	Flow Exceedance Range (%)	LC (lbs/day)	LA (lbs/day)	WLA (lbs/day)	MOS (lbs/day)	RC* (lbs/day)	Actual Load (lbs/day)	Percent LA Reduction Needed
High	0 - 10	136	121	1.4	13.6	0	771	84%
Moist	10 - 20	63	56	0.64	6.3	0	122	54%
	20 - 30	39	35	0.40	3.9	0	84	59%
	30 - 40	27	24	0.28	2.7	0	62	61%
Mid-Range	40 - 50	19	17	0.20	1.9	0	52	67%
Dry	50 - 60	13	12	0	1.3	0	49	76%
	60 - 70	8.2	7.3	0	0.82	0	54	86%
	70 - 80	5.5	5.0	0	0.55	0	26	81%
	80 - 90	3.5	3.2	0	0.35	0	33	90%
Low	90 - 100	2.5	2.2	0	0.25	0	17	87%

* - Reserve Capacity

During the review of the zinc TMDL, EPA determined that there were errors in the RC, Actual Load, and Percent Reduction columns of Table 6. IEPA confirmed the errors, and what the correct values should be (email and phone record with Abel Haile, IEPA, dated 04/18/2018).

Table 6 of this Decision Document represents the correct values. Since these columns are not required elements of a TMDL, the corrections do not affect the approval of the TMDL.

Table 7: Fecal coliform TMDL summary for Little Vermilion River (DR-01)

Zone	Flow Exceedance Range (%)	LC (mil col/day)	LA (mil col/day)	WLA ¹ (mil col/day)	MOS	RC	Actual Load (mil col/day)	Percent Reduction Needed
High	0 - 10	1906400	1858704	47696	implicit	0	184062854	99%
Moist	10 - 20	834114	786418	47696	implicit	0	7855762	90%
	20 - 30	485917	438221	47696	implicit	0	525485	17%
	30 - 40	311819	264123	47696	implicit	0	3462629	92%
Mid-Range	40 - 50	201029	179074	21955	implicit	0	No data	--
Dry	50 - 60	129807	107852	21955	implicit	0	109636	2%
	60 - 70	85492	63537	21955	implicit	0	2406576	97%
	70 - 80	58585	36630	21955	implicit	0	35228	0%
	80 - 90	43550	21595	21955	implicit	0	421049	95%
Low	90 - 100	36428	14473	21955	implicit	0	1637479	99%

¹ WLA is calculated using Design Maximum flow (DMF) for high and moist flow conditions and Design Average Flow (DAF) at lower flow conditions. The individual WLAs are in Table 9 of this Decision Document.

Table 8: Chloride TMDL summary for Little Vermilion River (DR-01)

Zone	Flow Exceedance Range (%)	LC (lbs/day)	LA (lbs/day)	WLA (lbs/day)	MOS (lbs/day)	RC (lbs/day)	Actual Load (lbs/day)	Percent LA Reduction Needed (%)
High	0 - 10	1120041	989693	18344	112004	n/a	204992	0%
Moist	10 - 20	518565	454514	12195	51857	n/a	63638	0%
	20 - 30	326790	283877	10234	32679	n/a	47139	0%
	30 - 40	226544	194680	9210	22654	n/a	85797	0%

Mid-Range	40 - 50	161166	136508	8541	16117	n/a	57843	0%
Dry	50 - 60	108864	91005	6973	10886	n/a	17214	0%
	60 - 70	69637	55701	6973	6964	n/a	35410	0%
	70 - 80	47845	36088	6973	4784	n/a	9466	0%
	80 - 90	31718	21574	6973	3172	n/a	23540	8%
Low	90 - 100	23045	13768	6973	2304	n/a	18020	24%

EPA finds that the TMDL document submitted by IEPA satisfies all requirements concerning this third element.

4. Load Allocations (LAs)

EPA regulations require that a TMDL include LAs, which identify the portion of the loading capacity attributed to existing and future nonpoint sources and to natural background. Load allocations may range from reasonably accurate estimates to gross allotments (40 C.F.R. §130.2(g)). Where possible, load allocations should be described separately for natural background and nonpoint sources.

Comment:

The LAs for the waterbodies are found Tables 6-8 of this Decision Document. The nonpoint sources of fecal coliform in the watershed are nonpoint source runoff from row crop agricultural fields, failing septics, unregulated suburban/urban runoff, and animal operations. For zinc, the source is from erosion of zinc slag and material from the former zinc-smelting site. For chlorides, runoff from road and impermeable surface deicing was noted as the source of chlorides. As discussed in Sections 8 and 10 of this Decision Document, IEPA did provide further analysis of how reductions from the various pollutant sources could be attained.

EPA finds that the TMDL document submitted by IEPA satisfies all requirements concerning this fourth element.

5. Wasteload Allocations (WLAs)

EPA regulations require that a TMDL include WLAs, which identify the portion of the loading capacity allocated to individual existing and future point source(s) (40 C.F.R. §130.2(h), 40 C.F.R. §130.2(i)). In some cases, WLAs may cover more than one discharger, e.g., if the source is contained within a general permit.

The individual WLAs may take the form of uniform percentage reductions or individual mass based limitations for dischargers where it can be shown that this solution meets WQSs and does not result in localized impairments. These individual WLAs may be adjusted during the NPDES permitting process. If the WLAs are adjusted, the individual effluent limits for each permit issued to a discharger on the impaired water must be consistent with the assumptions and requirements of the adjusted WLAs in the TMDL. If the WLAs are not adjusted, effluent limits contained in the permit must be consistent with the individual WLAs specified in the TMDL. If a draft permit provides for a higher load for a discharger than the corresponding individual WLA in the TMDL, the State/Tribe must demonstrate that the total WLA in the TMDL will be achieved through reductions in the remaining individual WLAs and that localized impairments will not result. All permittees should be notified of any deviations from the initial individual

WLAs contained in the TMDL. EPA does not require the establishment of a new TMDL to reflect these revised allocations as long as the total WLA, as expressed in the TMDL, remains the same or decreases, and there is no reallocation between the total WLA and the total LA.

Comment:

Fecal coliform: IEPA determined loads for fecal coliform for the eight dischargers in the Little Vermilion watershed (Table 9 of this Decision Document; Table 8-11 of the TMDL). Five of the dischargers are industrial wastewater dischargers, and are not expected to discharge fecal coliform. Two dischargers are municipal wastewater treatment facilities, and the WLAs are based upon two flow conditions; IEPA used the design average flow (DAF) of the facilities for the lower streamflow regimes (30%-100%) and the design maximum flow (DMF) of the facilities for the higher streamflow regimes (0%-30%). The appropriate flow was multiplied by the WQS of 200 cfu/100 mL for the facilities noted in Table 9 of this Decision Document (Section 8.3.3.4 of the TMDL)

IEPA identified one CSO discharger in the watershed. For the fecal coliform TMDL, IEPA set the WLA at 0. IEPA noted that while the WLA = 0 for fecal coliform, this does not mean CSO discharges are proscribed. The City of LaSalle is working to implement a Long Term Control Plan (LTCP) that was approved on June 25, 2013 to address the long-term control of CSO discharges to the Little Vermilion River. IEPA expects LaSalle to comply with the terms of its LTCP.

Zinc: IEPA identified one point source potentially discharging zinc (Table 10 of this Decision Document). The Illinois Department of Transportation (IDOT) has an NPDES stormwater permit regulating runoff from roadways in the watershed. IEPA calculated that the roadways cover 1.1% of the watershed. Therefore, IEPA assumed that 1.1% of the zinc load could be coming from the roadways under higher flow events (0%-50%). IEPA noted that the CSO discharges could contain zinc. For the zinc TMDL, IEPA set the WLA at 0. IEPA noted that while the WLA = 0 for zinc, this does not mean CSO discharges are proscribed. The City of LaSalle is working to implement a Long Term Control Plan (LTCP) that was approved on June 25, 2013 to address the long-term control of CSO discharges to the Little Vermilion River.

Chloride: IEPA identified two permitted dischargers of chlorides; the Carus Corporation and the IDOT stormwater permit (Table 10 of this Decision Document). The Carus Corporation has a monitoring requirement for chlorides, but does not have an effluent limit. To determine the WLA, IEPA used the water quality criterion of 500 mg/L times the facility's maximum design flow to determine the WLA. IEPA followed the same process for IDOT as discussed in the zinc section above.

IEPA did not identify any other point sources for the three pollutants.

Table 9: Fecal coliform WLAs in the Little Vermilion River TMDL

Permit Number	Facility Name	Design Average Flow (MGD)	WLA – DAF (million col/day)**	Design Maximum Flow MGD	WLA – DMF (million col/day)**
IL0023221	City of Mendota WWTF	2.4	18170	4.8	36340
IL0078336	City of LaSalle East WWTF	0.5	3785	1.5	11356

IL0029424	City of LaSalle CSOs	***	0***	***	0***
ILG8401233*	Illinois Cement Co. – Dimmick		0		0
IL00202623*	Carus Corp. LaSalle Site		0		0
IL0003115*	Del Monte Corp.		0		0
IL0038296*	IL Cement Co. – LaSalle		0		0
IL0078336*	Riverstone Group – Troy Grove		0		0
Total			47696		21955

* - Industrial dischargers; not expected to discharge fecal coliform

** - DAF applies in the lower 30-100% flows, DMF applies in the higher 0-30% flows

*** - CSOs only discharge during extreme precipitation events and the allocation of zero is not intended to translate into an immediate requirement for zero discharge, but rather, continued compliance with long term control plans

Table 10: Zinc and Chloride WLAs in the Little Vermilion River Watershed

Permit Number	Facility Name	Pollutant	WLA* (lbs/day)
ILR00493	IDOT	Zinc	1.4
ILR00493	IDOT	Chloride	11372
IL0002623	Carus Corp.	Chloride	6973

* - at the highest flow

EPA finds that the TMDL document submitted by IEPA satisfies all requirements concerning this fifth element.

6. Margin of Safety (MOS)

The statute and regulations require that a TMDL include a margin of safety (MOS) to account for any lack of knowledge concerning the relationship between load and wasteload allocations and water quality (CWA §303(d)(1)(C), 40 C.F.R. §130.7(c)(1)). EPA’s 1991 TMDL Guidance explains that the MOS may be implicit, i.e., incorporated into the TMDL through conservative assumptions in the analysis, or explicit, i.e., expressed in the TMDL as loadings set aside for the MOS. If the MOS is implicit, the conservative assumptions in the analysis that account for the MOS must be described. If the MOS is explicit, the loading set aside for the MOS must be identified.

Comment:

Fecal coliform: The Little Vermilion River bacteria TMDL incorporates an implicit MOS in the TMDL calculations (Table 7 of this Decision Document). The WLA is based upon the 200 cfu/100 mL as a 30-day geometric mean portion of the WQS to determine the daily load. This essentially sets the monthly geometric mean portion of the WQS as a daily not-to-exceed value (i.e., no averaging), significantly overestimating the bacteria reductions needed to attain WQSs in the Little Vermilion River.

An additional conservative assumption is that IEPA did not use a rate of decay, or die-off rate of pathogen species, in the TMDL calculations or in the creation of the load duration curve for fecal coliform. Bacteria have a limited capability of surviving outside their hosts, and normally a rate

of decay would be incorporated. IEPA determined that it was more conservative to use the WQS (200 cfu/100 mL) and not to apply a rate of decay, which could result in a discharge limit greater than the WQS.

As stated in *EPA's Protocol for Developing Pathogen TMDLs* (EPA 841-R-00-002), many different factors affect the survival of pathogens, including the physical condition of the water. These factors include, but are not limited to sunlight, temperature, salinity, and nutrient deficiencies. These factors vary depending on the environmental condition/circumstances of the water, and therefore it would be difficult to assert that the rate of decay caused by any given combination of these environmental variables was sufficient to meet the WQS of 200 cfu/100 mL. Thus, it is more conservative to apply the State's WQS as the MOS, because this standard must be met at all times under all environmental conditions.

Zinc and Chloride: The Little Vermilion River zinc and chloride TMDLs incorporate an explicit MOS of 10% of the total loading capacity. The MOS reserved 10% of the loading capacity and allocated the remaining loads to point and nonpoint sources (Tables 7 and 8 of this Decision Document). The use of the LDC approach minimized variability associated with the development of the chloride and zinc TMDLs because the calculation of the loading capacity was a function of flow multiplied by the target value. The MOS was set at 10% to account for uncertainty due to field sampling error and assumptions made during the TMDL development process.

EPA finds that the TMDL document submitted by IEPA has an appropriate MOS satisfying all requirements concerning this sixth element.

7. Seasonal Variation

The statute and regulations require that a TMDL be established with consideration of seasonal variations. The TMDL must describe the method chosen for including seasonal variations. (CWA §303(d)(1)(C), 40 C.F.R. §130.7(c)(1)).

Comment:

The LDC process accounts for seasonal variation by utilizing streamflows over a wide range. For the three pollutants, runoff carries the pollutants into the streams. The LDC graphs can be used to determine under which conditions exceedences are occurring, and any seasonal component (i.e., spring melt).

Bacterial loads vary by season, typically reaching higher values in the dry summer months when low flows and warm water contribute to bacteria abundance, and reaching relatively lower values in colder months when bacterial growth rates attenuate. Bacterial WQS need to be met between May 1st to October 31st, regardless of the flow condition. The development of the LDC utilized flow measurements from local flow gages. These flow measurements were collected over a variety of flow conditions observed during the recreation season. The LDC developed from these flow records represents a range of flow conditions within the impaired watersheds and thereby accounted for seasonal variability over the recreation season.

For zinc and chloride, the development of the LDC utilized flow measurements from local flow

gages. These flow measurements were collected over a variety of flow conditions observed during the year. The LDC developed from these flow records represents a range of flow conditions within the impaired watersheds and thereby accounted for seasonal variability over the year.

EPA finds that the TMDL document submitted by IEPA satisfies all requirements concerning this seventh element.

8. Reasonable Assurances

When a TMDL is developed for waters impaired by point sources only, the issuance of a National Pollutant Discharge Elimination System (NPDES) permit(s) provides the reasonable assurance that the wasteload allocations contained in the TMDL will be achieved. This is because 40 C.F.R. 122.44(d)(1)(vii)(B) requires that effluent limits in permits be consistent with “the assumptions and requirements of any available wasteload allocation” in an approved TMDL.

When a TMDL is developed for waters impaired by both point and nonpoint sources, and the WLA is based on an assumption that nonpoint source load reductions will occur, EPA’s 1991 TMDL Guidance states that the TMDL should provide reasonable assurances that nonpoint source control measures will achieve expected load reductions in order for the TMDL to be approvable. This information is necessary for EPA to determine that the TMDL, including the load and wasteload allocations, has been established at a level necessary to implement water quality standards.

EPA’s August 1997 TMDL Guidance also directs Regions to work with States to achieve TMDL load allocations in waters impaired only by nonpoint sources. However, EPA cannot disapprove a TMDL for nonpoint source-only impaired waters, which do not have a demonstration of reasonable assurance that LAs will be achieved, because such a showing is not required by current regulations.

Comment:

Section 9 of the TMDL discusses reasonable assurance for the Little Vermilion River watershed TMDLs. IEPA provided information on controls of fecal coliform, chlorides, and zinc that will be targeted to the watershed.

Reasonable assurance that the WLAs will be implemented are through the NPDES program. IEPA listed two WWTPs that discharge fecal coliform in the Little Vermilion River watershed. Section 9.3.1 of the TMDL addresses the discharges of fecal coliform from permitted facilities. At this time, point sources do not discharge a significant amount of zinc or chloride, and the current NPDES permit process will continue to control zinc and chloride discharges in the future.

Fecal coliform: Section 9 of the TMDL discusses various BMPs that, when implemented, will significantly reduce fecal coliform loadings to attain WQS. For most of these BMPs, IEPA provided some watershed analysis on the impacts these BMPs may have on fecal coliform loads. For example, the effectiveness of filter strips along streambanks was discussed in Section 9.3.2 of the TMDL. IEPA analyzed land use in the watershed, and noted the areas where filter strips

could be useful in reducing bacteria loads. Figure 9-1 of the TMDL presents a map locating areas in the watershed where buffer strips could have an impact on bacteria loadings. These are primarily agricultural land uses. IEPA determined the estimated amount of filter strips (in acres) that would improve water quality in the watershed (Table 9-2 of the TMDL).

In Section 9.10 of the TMDL, IEPA also investigated the general BMP costs for actions in the watershed, such as fencing costs to exclude livestock from waterways, riparian buffers, conservation tillage, etc. These costs are noted in Table 9-6 of the TMDL, and include programs that can implement these actions as well as potential sponsors.

Zinc: The reasonable assurance for the zinc TMDL is the Superfund action underway in for the Matthiessen and Hegler Zinc Company former smelting site (Section 9.9 of the TMDL). The Record of Decision was recently approved for the site, and remediation is underway. Most of the work will focus on removal and/or capping of existing slag and waste piles on-site, and improving efforts to prevent zinc from migrating into the Little Vermilion River.

Chlorides: To control chloride loads into the Little Vermilion Rive, IEPA will focus on controlling road salt runoff in the watershed (Section 9.8 of the TMDL). IEPA noted that the data shows two exceedences, one very anomalously high value (9880 mg/L) and one exceedence just over the chloride criteria of 500 mg/L (at 532 mg/L). To control chlorides, IEPA will focus on operator training for both municipal salting operations as well as private contractors.

IEPA has also developed Load Reduction Strategies (LRS) for various pollutants in the watershed. These LRSs address impairments where numeric criteria have not been developed (such as for TSS, or TP in stream). Although these are not TMDLs, the LRSs discuss sources and reductions needed for the various pollutants that have either a direct (TP) or indirect (TSS) impact on waterbodies in the Little Vermilion River watershed. IEPA has concluded that reducing these pollutants by implementing additional BMPs in the watershed will also reduce bacteria loads and possibly zinc and chloride loads in the watershed.

EPA finds that this criterion has been adequately addressed.

9. Monitoring Plan to Track TMDL Effectiveness

EPA's 1991 document, *Guidance for Water Quality-Based Decisions: The TMDL Process* (EPA 440/4-91-001), recommends a monitoring plan to track the effectiveness of a TMDL, particularly when a TMDL involves both point and nonpoint sources, and the WLA is based on an assumption that nonpoint source load reductions will occur. Such a TMDL should provide assurances that nonpoint source controls will achieve expected load reductions and, such TMDL should include a monitoring plan that describes the additional data to be collected to determine if the load reductions provided for in the TMDL are occurring and leading to attainment of water quality standards.

Comment:

The TMDL contains discussion on future monitoring and milestones (Section 9.15.2 of the TMDL). There were several monitoring sites used to gather data for the Little Vermilion River.

The Little Vermilion River sites are part of the Illinois Ambient Water Quality Monitoring System, and will continue to be monitored quarterly. IEPA also performs intensive basin surveys every 5 years on a rotating basins process. Detailed monitoring of the Little Vermilion River and associated tributaries will be performed during these surveys. IEPA also noted that students and staff from the Illinois Valley Community college have been monitoring the water quality of the Little Vermilion River for several years, and providing the data to IEPA. During the stakeholder meetings, several stakeholders suggested adding addition monitoring sites in the watershed to continue gathering water quality data. The EPA Superfund program also performs water quality monitoring as part of the remediation process.

EPA finds that this criterion has been adequately addressed.

10. Implementation

EPA policy encourages Regions to work in partnership with States/Tribes to achieve nonpoint source load allocations established for 303(d)-listed waters impaired by nonpoint sources. Regions may assist States/Tribes in developing implementation plans that include reasonable assurances that nonpoint source LAs established in TMDLs for waters impaired solely or primarily by nonpoint sources will in fact be achieved. In addition, EPA policy recognizes that other relevant watershed management processes may be used in the TMDL process. EPA is not required to and does not approve TMDL implementation plans.

Comment:

Numerous implementation options are discussed in Section 9 of the TMDL. These options are directed for reductions in sediment and total phosphorus as well as fecal coliform.

The potential BMPs are:

- Cover crops
- No-till/strip till
- Water and Sediment Control Basins (WASCB)
- Grassed waterways
- Filter strip, grass conversion, and field borders
- Streambank stabilization
- Shoreline stabilization
- Detention basin/pond
- Septic Systems
- Nutrient management

For most of these BMPs, IEPA provided some watershed analysis on the impacts these BMPs may have on TP and TSS loads that are discussed under LRSs.

Chlorides are expected to be addressed through:

- Public education and training
- Improved storage and handling
- Proper application
- Use of alternatives

For zinc, the Superfund remediation effort is expected to be the primary implementation action in the watershed.

EPA reviews, but does not approve, implementation plans. EPA finds that this criterion has been adequately addressed.

11. Public Participation

EPA policy is that there should be full and meaningful public participation in the TMDL development process. The TMDL regulations require that each State/Tribe must subject calculations to establish TMDLs to public review consistent with its own continuing planning process (40 C.F.R. §130.7(c)(1)(ii)). In guidance, EPA has explained that final TMDLs submitted to EPA for review and approval should describe the State's/Tribe's public participation process, including a summary of significant comments and the State's/Tribe's responses to those comments. When EPA establishes a TMDL, EPA regulations require EPA to publish a notice seeking public comment (40 C.F.R. §130.7(d)(2)).

Provision of inadequate public participation may be a basis for disapproving a TMDL. If EPA determines that a State/Tribe has not provided adequate public participation, EPA may defer its approval action until adequate public participation has been provided for, either by the State/Tribe or by EPA.

Comment:

An initial public meeting was held on September 11, 2014, to describe the watershed plan and TMDL process. The public comment period for the draft TMDL opened on September 27, 2017 and closed on October 27, 2017. A public meeting was held on September 27, 2017, in LaSalle, Illinois.

The public notices were published in the local newspaper and interested individuals and organizations received copies of the public notice. A hard copy of the TMDL was made available at the LaSalle Public Library and Mendota City Hall. The draft TMDL was also made available at the website <http://www.epa.illinois.gov/public-notices/index>. Two public comments were received.

IEPA developed a response summary to address the comments submitted. EPA reviewed the comments and responses, and has determined that IEPA responded appropriately to the comments. A brief overview is provided below.

The LaSalle County Soil and Water Conservation District submitted comments on expanding the monitoring locations on the river, and had numerous suggestions on improvements to the BMPs discussed in Section 9 of the TMDL, the Implementation Plan. Another commenter requested increased monitoring locations in the watershed, noted several other locations of zinc slag piles, and has additional suggestions regarding BMPs in the watershed. IEPA updated Section 9 of the TMDL to include additional language and clarification regarding the various BMPs.

EPA finds that the TMDL document submitted by IEPA satisfies all requirements concerning this eleventh element.

12. Submittal Letter

A submittal letter should be included with the TMDL submittal, and should specify whether the TMDL is being submitted for a *technical review* or *final review and approval*. Each final TMDL submitted to EPA should be accompanied by a submittal letter that explicitly states that the submittal is a final TMDL submitted under Section 303(d) of the Clean Water Act for EPA review and approval. This clearly establishes the State's/Tribe's intent to submit, and EPA's duty to review, the TMDL under the statute. The submittal letter, whether for technical review or final review and approval, should contain such identifying information as the name and location of the waterbody, and the pollutant(s) of concern.

Comment:

On March 5, 2018, EPA received the Little Vermilion River watershed TMDL, and a submittal letter from Sanjay Sofat, IEPA to Chris Korleski, EPA. In the submittal letter, IEPA stated it was submitting the TMDL report for EPA's final approval. The submittal letter included the name and location of the waterbodies and the pollutants of concern.

EPA finds that the TMDL document submitted by IEPA satisfies all requirements concerning this twelfth element.

Conclusion

After a full and complete review, EPA finds that the TMDLs for the Little Vermilion River watershed satisfy all of the elements of an approvable TMDL. This approval is for three TMDLs; one for fecal coliform, one for chlorides, and one for zinc, as noted in Table 1 of this Decision Document.

EPA's approval of this TMDL does not extend to those waters that are within Indian Country, as defined in 18 U.S.C. Section 1151. EPA is taking no action to approve or disapprove TMDLs for those waters at this time. EPA, or eligible Indian Tribes, as appropriate, will retain responsibilities under the CWA Section 303(d) for those waters.

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FINAL TMDL

Little Vermilion River
(LaSalle County)

Final Report Prepared for Illinois EPA



May 2018

**CDM
Smith**

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Acronyms

ACEP	Agricultural Conservation Easement Program
BMPs	best management practices
BOD	biochemical oxygen demand
CDL	Cropland Data Layer
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
cfs	cubic feet per second
cfu	colony forming units
CPP	Conservation Practices Cost-Share Program
CRP	Conservation Reserve Program
CSP	Conservation Stewardship Program
CWA	Clean Water Act
DAF	design average flow
DO	dissolved oxygen
DMF	design maximum flow
EQIP	Environmental Quality Incentives Program
FRSS	Facility Related Stream Survey
FSA	Farm Service Agency
GIS	geographic information system
GRP	Grassland Reserve Program
IDA	Illinois Department of Agriculture
Illinois EPA	Illinois Environmental Protection Agency
IDNR	Illinois Department of Natural Resources
IPCB	Illinois Pollution Control Board
ISWS	Illinois State Water Survey
LA	load allocation
LC	loading capacity
LRS	load reduction strategy
mg/L	milligrams per liter
MGD	million gallons per day
mL	milliliters
MOS	margin of safety
MS4	municipal separate storm sewer system
NASS	National Agricultural Statistics Service
NCDC	National Climatic Data Center
NED	National Elevation Dataset
NMP	Nutrient Management Plan
NRCS	Natural Resources Conservation Service
NPDES	National Pollutant Discharge Elimination System
NWIS	National Water Information System
RC	Reserve Capacity
SSRP	Streambank Stabilization and Restoration Program
s.u.	standard units
SSURGO	Soil Survey Geographic
STORET	USEPA's Storage and Retrieval
SWCD	Soil and Water Conservation District
TMDL	total maximum daily load
TSS	total suspended solids
µg/L	micrograms per liter
USDA	United States Department of Agriculture

USEPA	United States Environmental Protection Agency
USGS	U.S. Geological Survey
USLE	Universal Soil Loss Equation
WASCOB	water and sediment control basin
WLA	Waste Load Allocation
WREP	Wetland Reserve Enhancement Partnership

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Section 1

Goals and Objectives for the Little Vermilion River (LaSalle County) Watershed

1.1 Total Maximum Daily Load Overview

A total maximum daily load, or TMDL, is a calculation of the maximum amount of a pollutant that a waterbody can receive and still meet water quality standards. TMDLs are a requirement of Section 303(d) of the Clean Water Act (CWA). To meet this requirement, the Illinois Environmental Protection Agency (Illinois EPA) must identify waterbodies not meeting water quality standards and then establish TMDLs for restoration of water quality. Illinois EPA develops a list known as the "303(d) list" of waterbodies not meeting water quality standards every 2 years, and it is included in the Integrated Water Quality Report. Waterbodies on the 303(d) list are then targeted for TMDL development. The Illinois EPA's most recent Integrated Water Quality Report was submitted to the United States Environmental Protection Agency (USEPA) in July 2016. In accordance with USEPA's guidance, the report assigns all waters of the state to one of five categories. 303(d) listed waterbodies make up category five in the integrated report (Appendix A of the Integrated Report).

In general, a TMDL is a quantitative assessment of water quality impairments, contributing sources, and pollutant reductions needed to attain water quality standards. The TMDL specifies the amount of pollutant or other stressor that needs to be reduced to meet water quality standards, allocates pollutant control or management responsibilities among sources in a watershed, and provides a scientific and policy basis for taking actions needed to restore a waterbody.

Water quality standards are laws or regulations that states authorize to enhance water quality and protect public health and welfare. Water quality standards provide the foundation for accomplishing two of the principal goals of the CWA. These goals are:

- Restore and maintain the chemical, physical, and biological integrity of the nation's waters; and
- Where attainable, to achieve water quality that promotes protection and propagation of fish, shellfish, and wildlife, and provides for recreation in and on the water.

Water quality standards consist of three elements:

- The designated beneficial use or uses of a waterbody or segment of a waterbody
- The water quality criteria necessary to protect the use or uses of that particular waterbody
- An antidegradation policy

Examples of designated uses are primary contact (swimming), protection of aquatic life, and public and food processing water supply. Water quality criteria describe the quality of water that will support a designated use. Water quality criteria can be expressed as numeric limits or as a narrative statement. Antidegradation policies are adopted so that water quality improvements are conserved, maintained, and protected.

1.2 TMDL Goals and Objectives for the Little Vermilion River (LaSalle County) Watershed

Illinois EPA has a three-stage approach to TMDL development. The stages are:

Stage 1 – Watershed Characterization, Data Analysis, Methodology Selection

Stage 2 – Data Collection (optional)

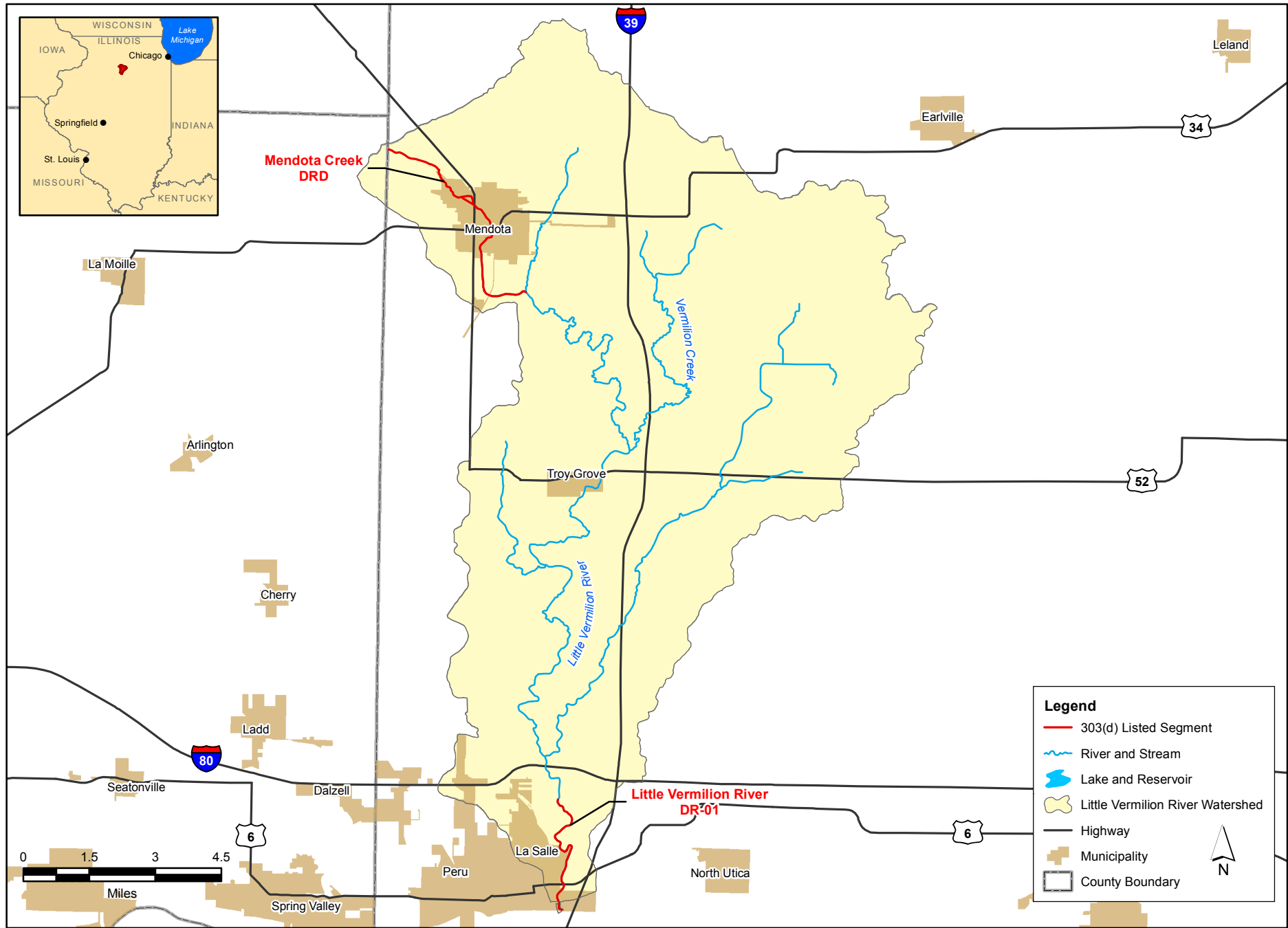
Stage 3 – Model Calibration, TMDL Scenarios, Implementation Plan

This report presents all stages of TMDL development for the Little Vermilion River Watershed. Stage 1 was completed in 2014. Data collection under Stage 2 was performed in 2015. Stage 3 documentation was completed in 2017.

Following are the impaired waterbody segments in the Little Vermilion River (LaSalle County) watershed:

- Little Vermilion River (DR-01)
- Mendota Creek (DRD)

These impaired waterbody segments are shown on **Figure 1-1**. There are two impaired waterbody segments within the Little Vermilion River (LaSalle County) watershed that have TMDLs and/or load reduction strategies (LRSs) addressed in this report. **Table 1-1** lists the waterbody segment, and potential causes and sources of impairment for the waterbody.



**Little Vermilion River
TMDL Watershed**

FIGURE 1-1

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Table 1-1 Impaired Waterbodies in Little Vermilion River (LaSalle County) Watershed

Segment ID	Segment Name	Potential Causes of Impairment	Designated Use	Potential Sources (as identified by the 2016 303(d) list)
DR-01	Little Vermilion River	Chloride	Aquatic Life	Combined Sewer Overflows, Urban Runoff/Storm Sewers
		<i>Total Phosphorus</i>	Aquatic Life	Combined Sewer Overflows, Crop Production
		Zinc	Aquatic Life	Combined Sewer Overflows, Contaminated Sediments, Industrial Land Treatment, Sanitary Sewer Overflows (Collection System Failures)
		pH*	Aquatic Life	Combined Sewer Overflows
		<i>Total Suspended Solids</i>	Aquatic Life	Combined Sewer Overflows, Crop Production
		Fecal Coliform	Primary Contact Recreation	Combined Sewer Overflows, Source Unknown
DRD	Mendota Creek	Dissolved Oxygen*	Aquatic Life	Combined Sewer Overflows, Municipal Point Source Discharges
		<i>Total Phosphorus</i>	Aquatic Life	Combined Sewer Overflows, Municipal Point Source Discharges

Bold Potential Causes of Impairment have numeric water quality standards and the TMDL data collection and review process was initiated during Stage 1. Parameter noted with a * have since been recommended for delisting in 2018 after recently collected data show that impairment no longer exists and further TMDL development did not occur. *Italicized Potential Causes of Impairment* do not have numeric water quality standards and an LRS was developed.

Illinois EPA has previously only developed TMDLs for parameters that have numeric water quality standards while deferring development of TMDLs for parameters without numeric water quality standards until those criteria have been developed and adopted. For potential causes that do not have numeric water quality standards as noted in **Table 1-1**, TMDLs were not developed. However, LRSs (similar to TMDLs) were developed for these impairments based on target values established by Illinois EPA.

The TMDLs for the segments listed above specify the following elements:

- **Loading Capacity (LC)** or the maximum amount of pollutant loading a waterbody can receive without violating water quality standards
- **Waste Load Allocation (WLA)** or the portion of the TMDL allocated to existing or future point sources
- **Load Allocation (LA)** or the portion of the TMDL allocated to existing or future nonpoint sources and natural background
- **Margin of Safety (MOS)** or an accounting of uncertainty about the relationship between pollutant loads and receiving water quality

- **Reserve Capacity (RC)** or a portion of the load explicitly set aside to account for growth in the watershed

These elements are combined into the following equation:

$$\text{TMDL} = \text{LC} = \Sigma\text{WLA} + \Sigma\text{LA} + \text{MOS} + \text{RC}$$

As part of the TMDL development process, Illinois EPA started to include LRSs in TMDL watershed projects in 2012 for those pollutants that do not currently have a numeric water quality standard. Developing a LRS involves determining the LC and load reduction that is needed in order for the waterbody to meet “Full Use Support” for its designated uses. In a LRS, the LC is not divided into WLA, LA, or MOS. These TMDL components are represented by one number as a target concentration for load reduction within each unique watershed. The LRS provides guidance (with no regulatory requirements) for voluntary nonpoint source reduction efforts by implementing agricultural and urban stormwater best management practices (BMPs).

TMDL and LRS development also takes into account the seasonal variability of pollutant loads so that water quality standards are met during all seasons of the year. Also, reasonable assurance that the TMDL and LRS targets will be achieved is described in the implementation plan. The implementation plan for the Little Vermilion River watershed describes how water quality standards and targets will be met and attained. This implementation plan includes recommendations for implementing BMPs, cost estimates, institutional needs to implement BMPs and controls throughout the watershed, and a timeframe for completion of implementation activities.

1.3 Report Overview

The remaining sections of this report contain:

- **Section 2 Little Vermilion River (LaSalle County) Watershed Description** provides a description of the watershed's location, topography, geology, land use, soils, population, and hydrology.
- **Section 3 Little Vermilion River (LaSalle County) Watershed Public Participation** discusses public participation activities that will occur throughout TMDL development.
- **Section 4 Little Vermilion River (LaSalle County) Watershed Water Quality Standards** defines the water quality standards for the impaired waterbodies.
- **Section 5 Little Vermilion River (LaSalle County) Watershed Characterization** presents the available water quality data needed to develop TMDLs, discusses the characteristics of the impaired stream segments in the watershed, and also describes the point and nonpoint sources with potential to contribute to the watershed load.
- **Section 6 Approach to Developing TMDLs and Identification of Data Needs** makes recommendations for the models and analysis that are needed for TMDL development and also suggests segments for Stage 2 data collection.

- **Section 7 Methodology Development for the Little Vermilion River Watershed** details the development of the TMDLs and LRSs for each impaired stream segment.
- **Section 8 Total Maximum Daily Load for the Little Vermilion River Watershed** provides the results of the TMDL and LRS analyses for each impaired stream segment.
- **Section 9 Implementation Plan for the Little Vermilion River Watershed** makes recommendations for implementation actions, point source controls, management measures, and BMPs that can be used to address water quality issues in the watershed.

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Section 2

Little Vermilion River (LaSalle County) Watershed Description

2.1 Little Vermilion River (LaSalle County) Watershed Location

The Little Vermilion River (LaSalle County) watershed (**Figure 1-1**) is located in north-central Illinois, flows in a southerly direction, and drains just over 80,000 acres. The majority of the watershed (99.5 percent of land area or 80,054 acres) lies within La Salle County. A very small portion of the watershed (362 acres) lies within Bureau County.

2.2 Topography

Topography is an important factor in watershed management because stream types, precipitation, and soil types can vary dramatically by elevation. National Elevation Dataset (NED) coverages containing 30-meter grid resolution elevation data are available from the U.S. Geological Survey (USGS) for each 1:24,000-topographic quadrangle in the United States. Elevation data for the Little Vermilion River (LaSalle County) watershed were obtained by overlaying the NED grid onto the geographic information system (GIS)-delineated watershed. **Figure 2-1** shows the elevations found within the watershed.

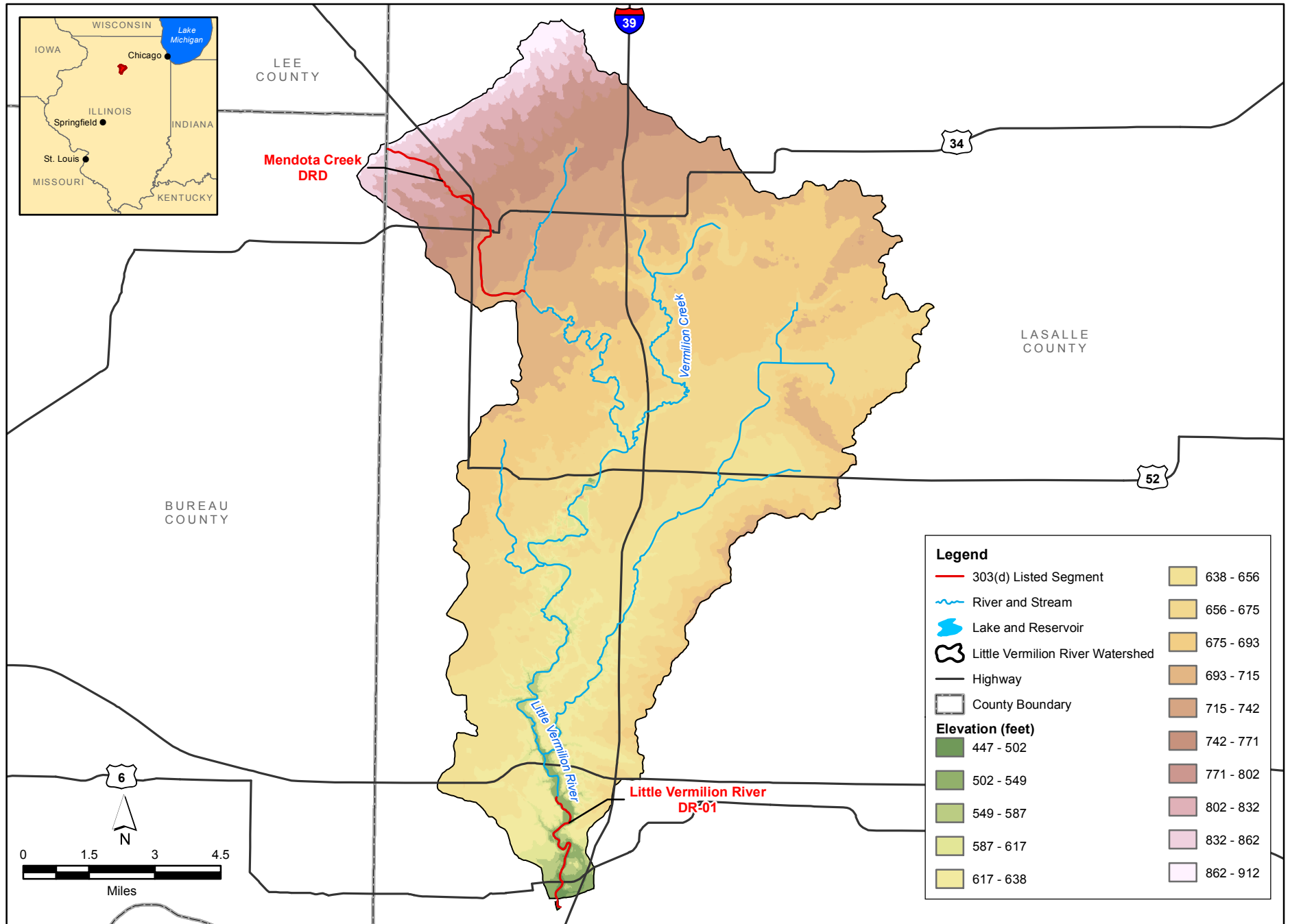
Elevation in the Little Vermilion River (LaSalle County) watershed ranges from 912 feet above sea level in the northwestern portion of the watershed (at the headwaters of Mendota Creek) to 447 feet at the southern extent of the watershed.

2.3 Land Use

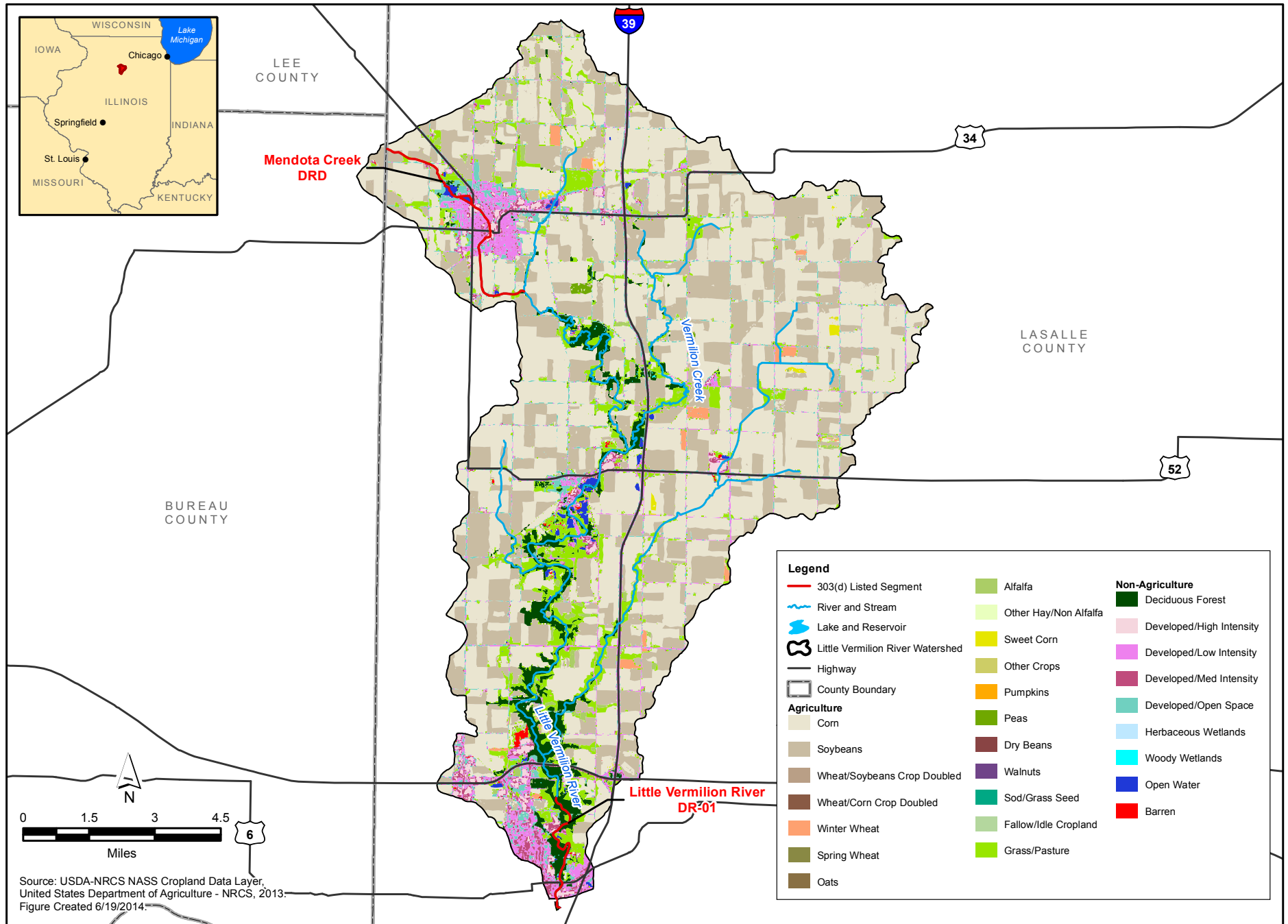
Land use data for the Little Vermilion River watershed were extracted from the U.S. Department of Agriculture's (USDA) National Agriculture Statistics Service (NASS) 2013 Cropland Data Layer (CDL). The CDL is a raster based, geo-referenced, crop-specific land cover data layer created to provide acreage estimates to the Agricultural Statistics Board for the state's major commodities and to produce digital, crop-specific, categorized geo-referenced output products. This information is made available to all agencies and to the public free of charge and represents the most accurate and up-to-date land cover datasets available at a national scale. The most recent available CDL dataset was produced in 2013 and includes 28 separate land use classes applicable to the watershed. The available resolution of the land cover dataset is 30 square meters. The 2013 CDL and extensive metadata are available at https://www.nass.usda.gov/Research_and_Science/Cropland/metadata/meta.php.

Land use characteristics of the watershed were determined by overlaying the statewide 2013 CDL data layer onto the GIS-delineated watershed. **Table 2-1** contains the land uses contributing to the Little Vermilion River watershed, based on the 2013 CDL land cover categories and also includes the area of each land cover category and percentage of the watershed area. **Figure 2-2** illustrates the land uses of the watershed.

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Little Vermilion River Watershed Land Use

FIGURE 2-2

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Table 2-1 Land Cover and Land Use in Little Vermilion River (LaSalle County) Watershed

Land Cover Category	Area (Acres)	Percentage
Corn	36,943	45.9%
Soybeans	22,332	27.8%
Grass/Pasture	5,858	7.3%
Developed/Low Intensity	4,199	5.2%
Developed/Open Space	3,565	4.4%
Deciduous Forest	3,525	4.4%
Developed/Med Intensity	1,432	1.8%
Developed/High Intensity	704	0.88%
Winter Wheat	516	0.64%
Alfalfa	461	0.57%
Open Water	397	0.49%
Sweet Corn	124	0.15%
Barren	121	0.15%
Peas	110	0.14%
Other Crops	44	<0.1%
Woody Wetlands	34	<0.1%
Fallow/Idle Cropland	13	<0.1%
Other Hay/Non Alfalfa	12	<0.1%
Winter Wheat & Soybeans	9.3	<0.1%
Spring Wheat	8.9	<0.1%
Herbaceous Wetlands	3.3	<0.1%
Dry Beans	3.3	<0.1%
Walnuts	1.8	<0.1%
Pumpkins	1.3	<0.1%
Oats	1.1	<0.1%
Sod/Grass Seed	0.22	<0.1%
Winter Wheat & Corn	0.22	<0.1%
Grand Total	80,420	100%

The land cover data reveal that over 60,580 acres, representing approximately 75 percent of the total watershed area, are devoted to agricultural activities. Corn and soybean farming account for 46 percent and 28 percent of the watershed area, respectively. Rural grassland and upland areas represent a total of 11.8 percent of the watershed (9,505 acres). Approximately 12.3 percent of the watershed area (9,900 acres) is developed, urbanized land. Marshes and open water make up 0.5 percent (434 acres) of the Little Vermilion River (LaSalle County) watershed. In addition to the land use categories provided in the 2013 CDL, data from the Illinois Department of Natural Resources (IDNR) indicates that underground mining operations cover approximately 1,090 acres of land within the watershed. Public comments from watershed stakeholders indicated that a number of mining and quarrying operations are currently active in the area with reserve acres owned for future growth.

2.4 Soils

Soils data are available through the Soil Survey Geographic (SSURGO) database. For SSURGO data, field mapping methods using national standards are used to construct the soil maps. Mapping scales generally range from 1:12,000 to 1:63,360 making SSURGO the most detailed level of soil mapping done by the Natural Resources Conservation Service (NRCS).

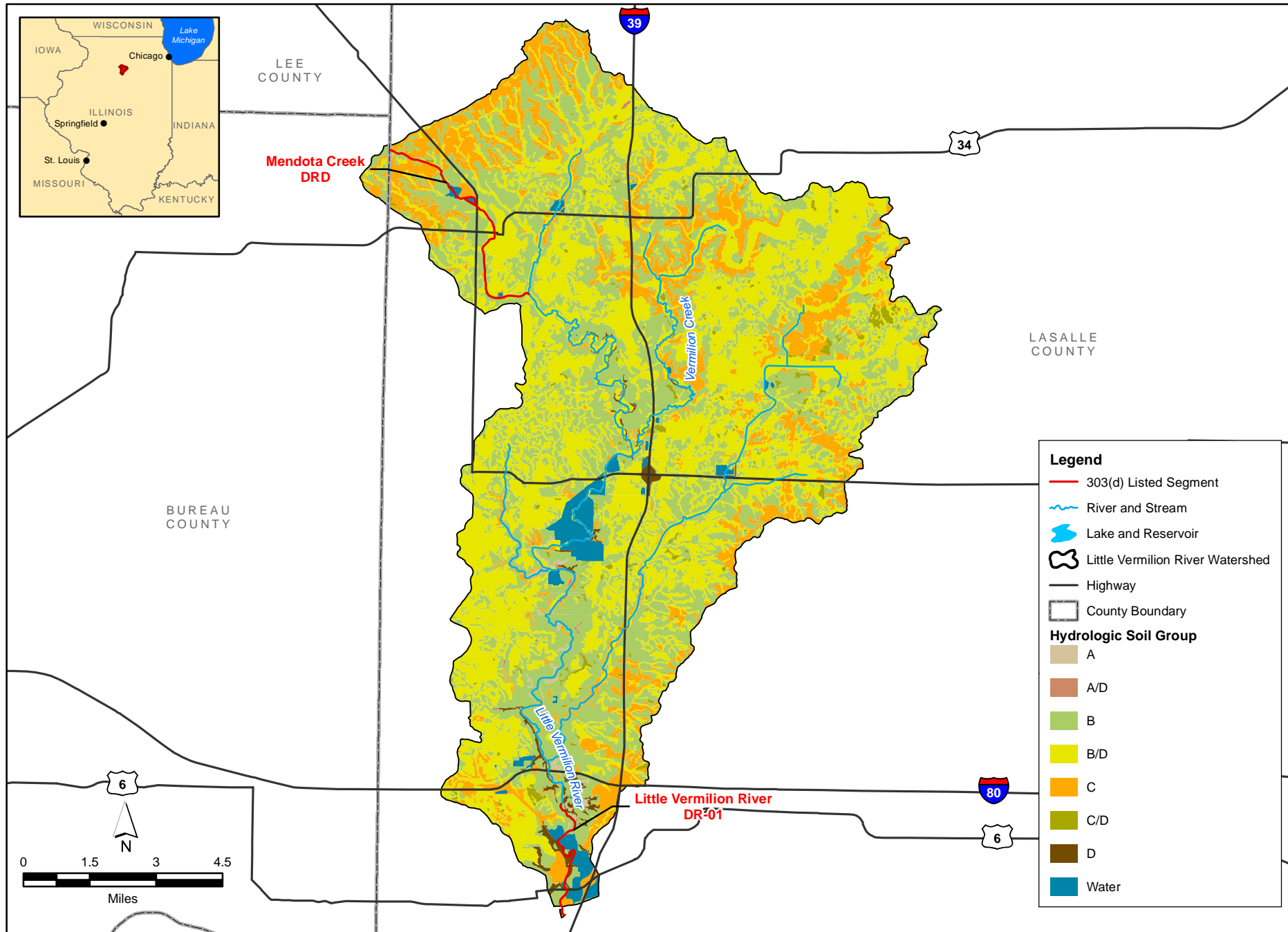
Attributes of the spatial coverage can be linked to the SSURGO databases, which provide information on various chemical and physical soil characteristics for each map unit and soil series. Of particular interest for TMDL development are the hydrologic soil groups as well as the K-factor of the Universal Soil Loss Equation (USLE). The following sections describe and summarize the specified soil characteristics for the Little Vermilion River (LaSalle County) watershed.

2.4.1 Little Vermilion River (LaSalle County) Watershed Soil Characteristics

Appendix B contains a table of the SSURGO soil series for the Little Vermilion River (LaSalle County) watershed. A total of 128 soil types exist in the watershed. The three most common types—Muscatine-Buckhart silt loams (0-3 percent slopes), Sable silty clay loam (0-2 percent slopes, frequently flooded), and Muscatine silt loam (0-2 percent slopes)—each cover a small percentage of the overall watershed (14.4, 13.2, and 9.9 percent, respectively). All other soil types each represent less than 7 percent of the total watershed area. The table in Appendix B also contains the area, dominant hydrologic soil group, and k-factor range. Each of these characteristics is described in more detail in the following paragraphs.

Figure 2-3 shows the hydrologic soils groups found within the Little Vermilion River (LaSalle County) watershed. Hydrologic soil groups are used to estimate runoff from precipitation. Soils are assigned to one of four groups according to the infiltration of water when the soils are thoroughly wet and receive precipitation from long-duration storms:

- Group A: Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.
- Group B: Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
- Group C: Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
- Group D: Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.



Little Vermilion River Watershed Soils

FIGURE 2-3

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While hydrologic soil groups A, B, C, D, B/D, A/D, and C/D are all found within the Little Vermilion River (LaSalle County) watershed, groups B/D, B, and C are the most common types and represent 42.3, 39.0, and 14.4 percent of the watershed, respectively. The remaining groups cover less than 2 percent of the watershed area. The most common type, Group B/D, is a dual hydrologic soil group. Dual hydrologic soil groups can be adequately drained. The first letter applies to the drained condition and the second to the undrained condition. For the purpose of hydrologic soil group, adequately drained means that the seasonal high water table is kept 24 inches below the surface in a soil where it would be higher in a natural state (NRCS 2007a).

A commonly used soil attribute is the soil erodibility factor (K-factor). The K-factor indicates the susceptibility of a soil to sheet and rill erosion by water. The K-factor is one of the factors used in the Revised Universal Soil Loss Equation to predict the average annual rate of soil loss by sheet and rill erosion. Losses are expressed in tons per acre per year. These estimates are based primarily on percentage of silt, sand, and organic matter and on soil structure and permeability. Values of K range from 0.02 to 0.69. The higher the value, the more susceptible the soil is to sheet and rill erosion by water (NRCS 2007b). The distribution of K-factor values in the Little Vermilion River (LaSalle County) watershed range from 0.02 to 0.43.

2.5 Population

The Census 2010 TIGER/Line data from the U.S. Census Bureau were retrieved. Geographic shapefiles of census blocks were downloaded for the entire state of Illinois. All census blocks that have geographic center points (centroids) within the watershed were selected and tallied in order to provide an estimate of populations in all census blocks both completely and partially contained by the watershed boundary. Approximately 14,600 people reside in the Little Vermilion River (LaSalle County) watershed. The major municipalities in the watershed are shown in **Figure 1-1** (refer to Section 1). The largest urban development within the watershed is the city of Mendota, with a population of approximately 7,200. A portion of the city of La Salle is also located in the southern edge of the watershed.

2.6 Climate, Pan Evaporation, and Streamflow

2.6.1 Climate

North central Illinois has a temperate climate with hot summers and cold, moderately snowy winters. Monthly precipitation data from Peru, Illinois (station ids. 114922 and 116753, which share the same location but have different periods of record) in La Salle County were extracted from the National Climatic Data Center (NCDC) database for the years 1901 through 1916 and 1919 through 2013. The data station in Peru, Illinois is near the southern edge of the Little Vermilion River (LaSalle County) watershed and is expected to be representative of precipitation throughout the watershed.

Table 2-2 contains the average monthly precipitation along with average high and low temperatures for the period of record. The average annual precipitation is 34.8 inches. May and June are historically the wettest months while January and February are the driest.

Table 2-2 Average Monthly Climate Data in Peru, Illinois

Month	Total Precipitation (inches)	Maximum Temperature (degrees F)	Minimum Temperature (degrees F)
January	1.6	52.0	-8.1
February	1.5	56.1	-2.6
March	2.6	71.6	9.8
April	3.5	83.0	23.7
May	4.0	89.7	34.1
June	3.8	95.2	44.5
July	3.7	97.2	50.4
August	3.7	95.6	48.6
September	3.6	91.8	36.6
October	2.6	84.3	26.4
November	2.3	70.6	13.9
December	1.9	56.1	-1.8
Total	34.8		

2.6.2 Pan Evaporation

Through the Illinois State Water Survey (ISWS) website, pan evaporation data are available from nine locations across Illinois (ISWS 2009). The Hennepin, Illinois station was chosen to be representative of pan evaporation conditions for the Little Vermilion River (LaSalle County) watershed. The Hennepin station is located approximately 22 miles west-southwest of the Little Vermilion River (LaSalle County) watershed. This station was chosen for its proximity to the Little Vermilion River (LaSalle County) watershed. The average annual pan evaporation at the Hennepin station for the years 1980 to 2005 is 37.9 inches. Actual evaporation is typically less than pan evaporation, so the average annual pan evaporation was multiplied by 0.75 to calculate an average annual evaporation of 28.4 inches (ISWS 2009).

2.6.3 Streamflow

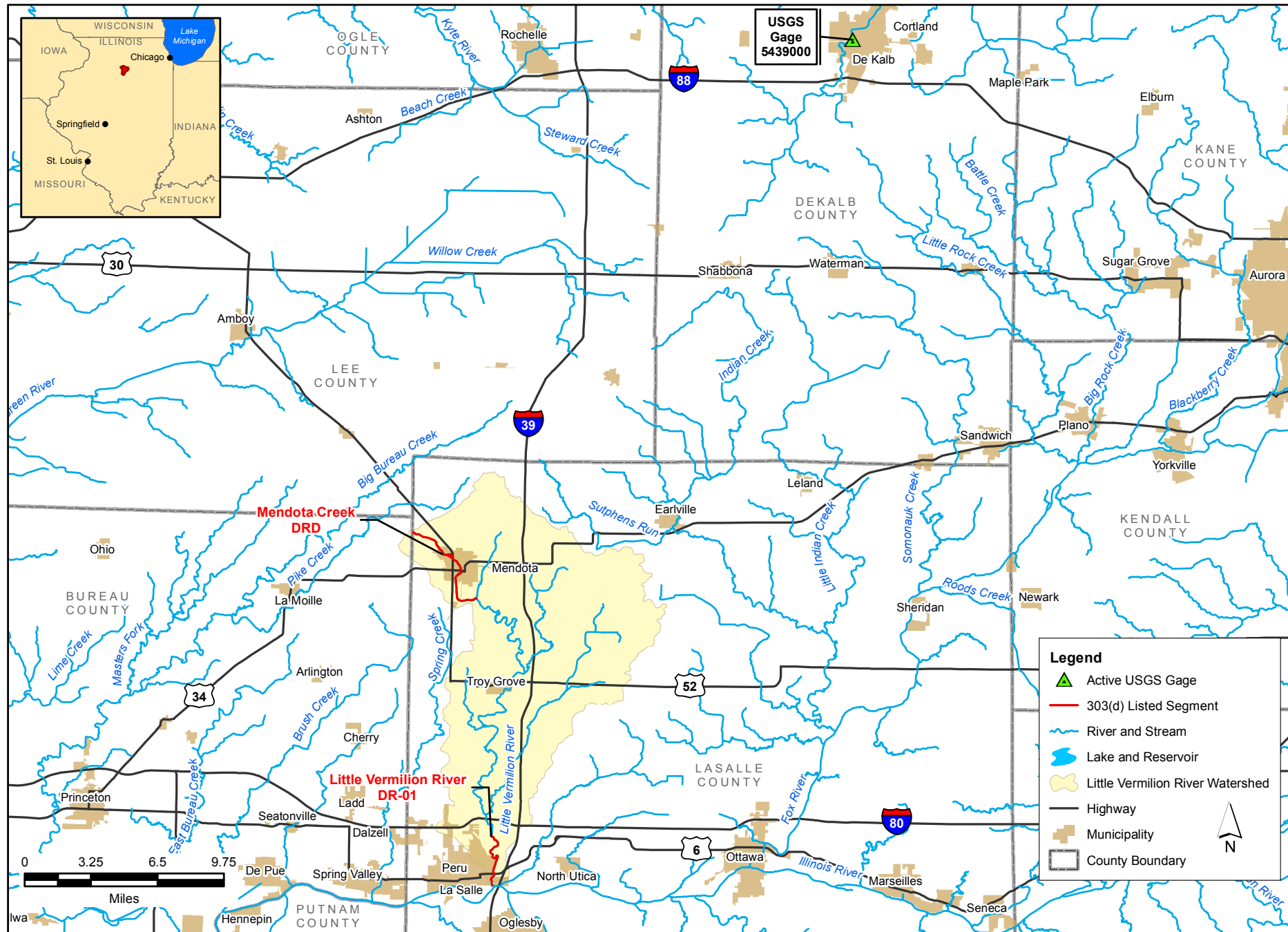
Analysis of the Little Vermilion River (LaSalle County) watershed requires an understanding of flow throughout the drainage area. The USGS National Water Information System (NWIS) stream gage network is a reliable source of stream flow information that will be utilized for this report. However, there are no active USGS gages within the Little Vermilion River watershed and it will be necessary to estimate flow data using data from alternate stream gages. Data from a surrogate gage will be processed to produce estimates of stream flow at a given time and location within the Little Vermilion River watershed using the drainage area ratio method, represented by the following equation:

$$Q_{\text{gaged}} \left(\frac{\text{Area}_{\text{ungaged}}}{\text{Area}_{\text{gaged}}} \right) = Q_{\text{ungaged}}$$

where Q_{gaged} = Streamflow of the gaged basin
 Q_{ungaged} = Streamflow of the ungaged basin
 $\text{Area}_{\text{gaged}}$ = Area of the gaged basin
 $\text{Area}_{\text{ungaged}}$ = Area of the ungaged basin

The assumption behind the equation is that the flow per unit area is equivalent in watersheds with similar characteristics. Therefore, the flow per unit area in the gaged watershed multiplied by the area of the ungaged watershed estimates the flow for the ungaged watershed. USGS gage 5439000 (South Branch Kishwaukee River at Dekalb, Illinois) was selected as a suitable surrogate gage for estimates of stream flow in the Little Vermilion River watershed (**Figure 2-4**). Gage 5439000 is located approximately 25 miles northeast of the watershed and has a drainage area of 78 square miles. The gage was selected over a closer gage (05556500 Big Bureau Creek near Princeton, Illinois) because it is not influenced by point sources. Daily discharge data are available from 1925 to 2016 and average monthly stream flows in the South Branch Kishwaukee River range from 21 cubic feet per second (cfs) in October to 110 cfs in March. South Branch Kishwaukee River drainage consists of similar land uses and levels of development as the Little Vermilion River watershed. Due to their relative proximity, climatological data are also very similar for each watershed.

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**Little Vermilion River
Active USGS Gages**

FIGURE 2-4

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Section 3

Little Vermilion River (LaSalle County) Watershed Public Participation

3.1 Little Vermilion River (LaSalle County) Watershed Public Participation and Involvement

Public knowledge, acceptance, and follow-through are necessary to implement a plan to meet recommended TMDLs. It is important to involve the public as early in the process as possible to achieve maximum cooperation and identify and alleviate concerns as to the purpose of the process and the regulatory authority to implement any recommendations.

The Stage 1 public meeting was held in LaSalle, Illinois on September 11, 2014. An additional public meeting was held in LaSalle on September 27, 2017 prior to completion of the final TMDL report. Comments received at both meetings, or following the meetings during the 30-day comment periods, have been incorporated into this document and are available in **Appendix E**.

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Section 4

Little Vermilion River (LaSalle County) Watershed Water Quality Standards

4.1 Illinois Water Quality Standards

Water quality standards are developed and enforced by the state to protect the "designated uses" of the state's waterways. In the state of Illinois, setting the water quality standards is the responsibility of the Illinois Pollution Control Board (IPCB). Illinois is required to update water quality standards every three years in accordance with the CWA. The standards requiring modifications are identified and prioritized by Illinois EPA, in conjunction with USEPA. New standards are then developed or revised during the three-year period.

Illinois EPA is also responsible for developing scientifically based water quality criteria and proposing them to the IPCB for adoption into state rules and regulations. The Illinois water quality standards are established in the Illinois Administrative Rules Title 35, Environmental Protection; Subtitle C, Water Pollution; Chapter I, Pollution Control Board; Part 302, Water Quality Standards.

4.2 Designated Uses

The waters of Illinois are classified by designated uses, which include: General Use, Public and Food Processing Water Supplies, Primary Contact, Aesthetic Quality, Fish Consumption, Lake Michigan, and Secondary Contact and Indigenous Aquatic Life Use (Illinois EPA 2016). The designated use applicable to impaired waterbodies in the Little Vermilion River (LaSalle County) watershed is the General Use.

4.2.1 General Use

The General Use classification is defined by IPCB as standards that "will protect the state's water for aquatic life, wildlife, agricultural use, secondary contact use and most industrial uses, and ensure the aesthetic quality of the state's aquatic environment." Primary contact uses are protected for all General Use waters whose physical configuration permits such use.

4.3 Water Quality Standards for the Little Vermilion River Watershed

Table 4-1 presents the numeric water quality standards of the potential causes of impairment for streams in the Little Vermilion River watershed.

According to the Illinois EPA Integrated Report, aquatic life use assessments in streams are typically based on the interpretation of biological information, physicochemical water data, and physical-habitat. The primary biological measures used are the fish Index of Biotic Integrity (fIBI), the macroinvertebrate Index of Biotic Integrity (mIBI) and the Macroinvertebrate Biotic Index (MBI). Physical-habitat information used in assessments includes quantitative or qualitative

measures of stream-bottom composition and qualitative descriptors of channel and riparian conditions. Physicochemical water data used include measures of “conventional” parameters (e.g., dissolved oxygen [DO], pH, and temperature), priority pollutants, non-priority pollutants, and other pollutants. For public and food processing water supply waters, Illinois EPA compares available data with water quality standards to make impairment determinations. To assess primary contact use, Illinois EPA uses all fecal coliform bacteria from water samples collected in May through October, over the most recent five-year period (i.e., 2009 through 2013 for the 2016 Integrated Report). Based on these water samples, geometric means and individual measurements of fecal coliform bacteria are compared to the concentration thresholds.

Table 4-1 Summary of Numeric Water Quality Standards for Potential Causes of Stream Impairments (as identified in the 2016 303(d) list) in Little Vermilion River (LaSalle County) Watershed

Parameter	Units	General Use Water Quality Standard	Regulatory Reference
Chloride	mg/L	<i>Total</i> :500	302.208(g)
Zinc	µg/L	<i>Dissolved</i> : Acute = $e^{A+B\ln(H)} \times 0.978^*$ where A = 0.9035 and B = 0.8473 Chronic = $e^{A+B\ln(H)} \times 0.986^*$ where A = -0.4456 and B = 0.8473	302.208(e)
Dissolved Oxygen	mg/L	<i>March through July</i> ≥5.0 minimum & ≥6.0 7-day daily mean averaged over 7 days; <i>August through February</i> ≥3.5 minimum, ≥4.0 7-day minimum averaged over 7 days & ≥5.5 30-day daily mean	302.206(b)
Total Fecal Coliform	Count/100 mL	<i>May through October</i> 200 ⁽¹⁾ , 400 ⁽²⁾	302.209
pH	s.u.	6.5-9.0	302.204

µg/L = micrograms per liter

mg/L = milligrams per liter

s.u. = standard units

H = hardness

* = Conversion factor multiplier for dissolved metals

(1) Geometric mean based on a minimum of five samples taken over not more than a 30-day period.

(2) Standard shall not be exceeded by more than 10 percent of the samples collected during any 30-day period.

4.4 Water Quality Targets

As mentioned in Section 1.2, Illinois EPA began including LRSs in TMDL watershed projects in 2012 for pollutants that do not currently have a numeric water quality standard. Developing an LRS involves determining the loading capacity and load reduction necessary that is needed in order for the waterbody to meet “Full Use Support” for its designated uses. The load capacity is not divided into WLA, LA, or MOS, these are represented by one number as a target concentration for load reduction within each unique watershed. The LRS provides guidance (with no regulatory requirements) for voluntary nonpoint source reduction efforts by implementing agricultural and urban stormwater BMPs.

The current LRS targets are based on data from all stream segments within the HUC-10 basins of the watershed, as well as stream segments or lakes which closely border the watershed in neighboring HUC-10 basins, in order to best represent the land use, hydrologic, and geologic conditions unique to the watershed. Load reduction targets were calculated by Illinois EPA using data from stream segments whose most current assessment shows full support for aquatic life and data that have passed quality assurance and quality checks within Illinois EPA and are in accordance with state and federal laws. LRS target values have been developed by Illinois EPA for the Little Vermilion River (LaSalle County) watershed to address impairments caused by total suspended solids (TSS) and total phosphorus in streams. The LRS target value for TSS in this watershed is 25.3 mg/L and the LRS target value for total phosphorus is 0.289 mg/L.

4.5 Potential Pollutant Sources

In order to properly address the conditions within the Little Vermilion River (LaSalle County) watershed, potential pollutant sources must be investigated for the pollutants where TMDLs or LRSs will be developed. **Table 4-2** contains a summary of the potential sources associated with the listed potential causes for the 303(d) listed segments in this watershed. The sources provided below were identified in the 2016 303(d) list by the state. Additional investigation and documentation of sources beyond the potential sources identified in the 303(d) list are provided in Sections 5, 7 and 8.

Table 4-2 Potential Pollutant Sources for Impaired Waterbodies in Little Vermilion River (LaSalle County) Watershed

Segment ID	Segment Name	Potential Causes of Impairment	Designated Use	Potential Sources (as identified by the 2016 303(d) list)
DR-01	Little Vermilion River	Chloride	Aquatic Life	Combined Sewer Overflows, Urban Runoff/Storm Sewers
		<i>Total Phosphorus</i>	Aquatic Life	Combined Sewer Overflows, Crop Production
		Zinc	Aquatic Life	Combined Sewer Overflows, Contaminated Sediments, Industrial Land Treatment, Sanitary Sewer Overflows (Collection System Failures)
		pH	Aquatic Life	Combined Sewer Overflows
		<i>Total Suspended Solids (TSS)</i>	Aquatic Life	Combined Sewer Overflows, Crop Production
		Fecal Coliform	Primary Contact Recreation	Combined Sewer Overflows, Source Unknown
DRD	Mendota Creek	Dissolved Oxygen	Aquatic Life	Combined Sewer Overflows, Municipal Point Source Discharges
		<i>Total Phosphorus</i>	Aquatic Life	Combined Sewer Overflows, Municipal Point Source Discharges, Crop Production

Bold Causes of Impairment have numeric water quality standards. **It should be noted that TMDLs were not developed for pH or Dissolved Oxygen based on more recent data (see discussion in Sections 5 and 6).** Italicized Causes of Impairment do not have numeric water quality standards and LRSs were developed

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Section 5

Little Vermilion River (LaSalle County) Watershed Characterization

In order to further characterize the Little Vermilion River (LaSalle County) watershed, a wide range of pertinent data were collected and reviewed. Water quality data for impaired stream segments, as well as information on potential point and nonpoint sources within the watershed, were compiled from a variety of data sources. This information is presented and discussed in further detail in the remainder of this section.

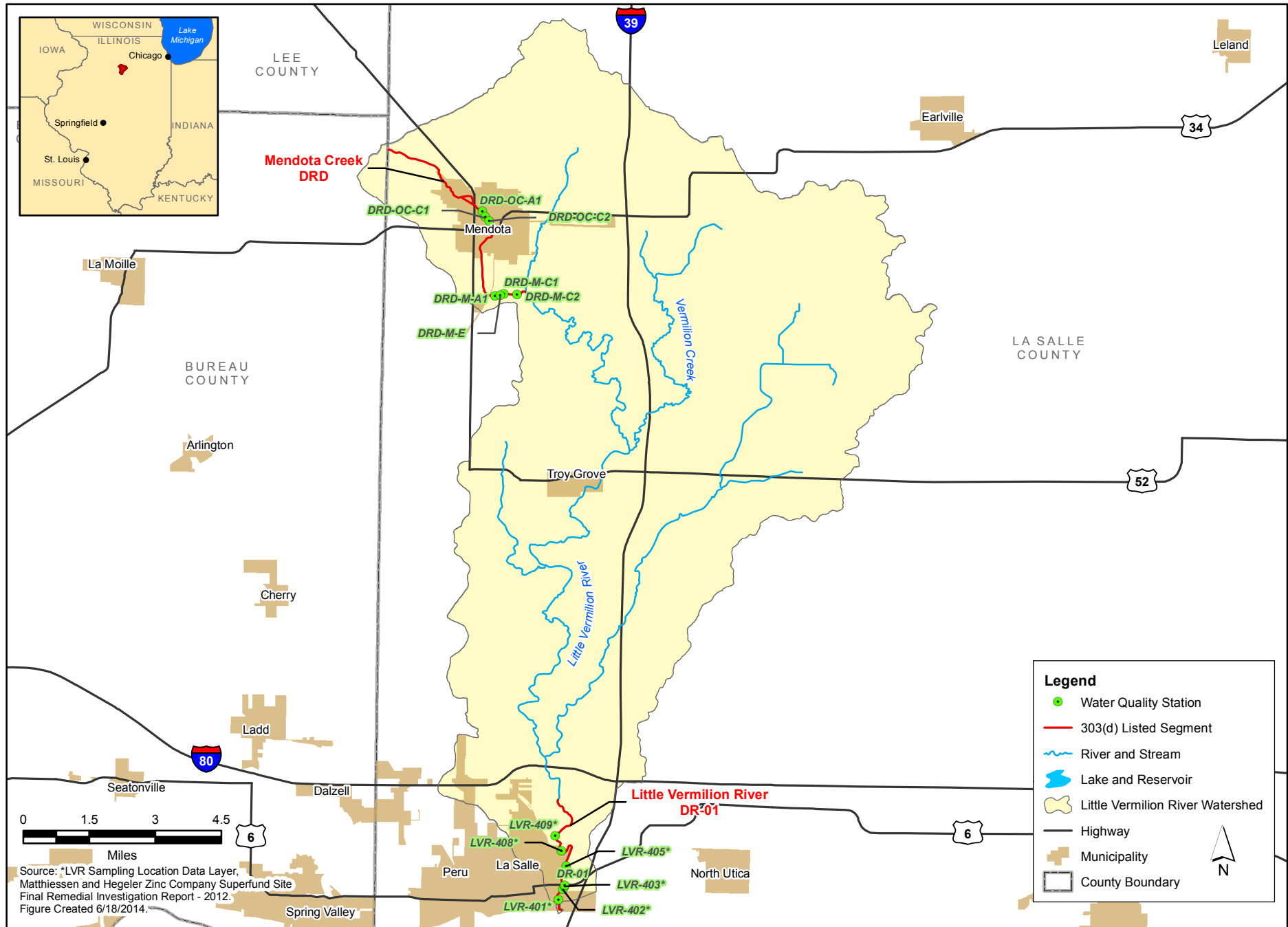
5.1 Water Quality Data

Illinois EPA monitoring programs that contribute data to the assessment of streams include the Ambient Water Quality Monitoring Network, the Pesticide Monitoring Subnetwork, Facility-Related Stream Surveys, Intensive Basin Surveys, and the Fish Contaminant Monitoring Program. The majority of data used for this report came from the Ambient Water Quality and Intensive Basin Surveys. The Ambient Water Quality Network includes 213 fixed stream stations statewide that are sampled every six weeks. Additional data are collected during Intensive Basin Surveys, which typically include approximately 100 basin-specific stations per year and are conducted on a five-year cycle. Additional information on Illinois EPA's monitoring programs can be found in the "Illinois Water Monitoring Strategy" (<http://www.epa.state.il.us/water/water-quality/monitoring-strategy/>).

Data from a total of 14 relevant historical water quality stations within the Little Vermilion River (LaSalle County) watershed were located and reviewed for this report. These water quality data were primarily provided by the Illinois EPA; however, additional water quality data were queried from the USEPA's Storage and Retrieval (STORET) database. Additional water quality data were available for a number of locations along Little Vermilion River Segment DR-01 as a result of Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) investigations conducted by the USEPA, Geosyntec, SulTRAC, and the Carus Corporation as part of the Final Remedial Investigation report for the Matthiessen and Hegeler Zinc Company Site (USEPA 2012). **Figure 5-1** shows the relevant water quality data stations within the watershed for this TMDL/LRS investigation.

The impaired waterbody segments in the Little Vermilion River (LaSalle County) watershed were presented in Section 1. Refer to **Table 1-1** for impairment information specific to each segment. Data are summarized by impairment and are discussed in relation to the relevant Illinois numeric water quality standard in the following sections. Data summaries provided in this section include all available date ranges of collected data.

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Source: *LVR Sampling Location Data Layer, Matthiessen and Hegeler Zinc Company Superfund Site Final Remedial Investigation Report - 2012. Figure Created 6/18/2014.

**Little Vermilion River
Water Quality Stations**

FIGURE 5-1

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5.1.1 Stream Water Quality Data

There are two impaired stream segments within the Little Vermilion River (LaSalle County) watershed (Little Vermilion River, DR-01; Mendota Creek, DRD). There is one Illinois EPA Ambient Water Quality Monitoring Network monitoring station on the impaired segment of the Little Vermilion River: DR-01. DR-01 has a substantial set of historical data. Additional sample collection was performed at seven separate locations along DR-01 in 2009 as part of the Matthiessen and Hegeler Zinc Company Site Remedial Investigation and are included in the summaries below. The historical Mendota Creek (DRD) dataset is limited to one Facility Related Stream Survey (FRSS) event that occurred in August 1988 as part of a routine assessment of point source impacts. Data were also collected in Mendota Creek in 2012 during an intensive basin survey performed by Illinois EPA and, based on recommendation in the Stage 1 report, additional data were also collected in 2015 specifically to address the TMDL and LRS data gaps identified during the Stage 1 assessment. The data summarized in this section include water quality data for impaired constituents as well as parameters that may be useful for Stage 3 modeling and analysis efforts. All historical water quality data for the impaired segments of the Little Vermilion River (LaSalle County) watershed are available in Appendix C.

5.1.1.1 Zinc

Little Vermilion River (LaSalle County) segment DR-01 is listed for impairment caused by elevated dissolved zinc concentrations. **Table 5-1** summarizes available historical zinc data for this segment. The available dataset for this segment includes Illinois EPA stream sampling data as well as an additional 18 data points collected at seven locations along the reach in 2009 as part of the Matthiessen and Hegeler Zinc Company Site Remedial Investigation performed under the supervision of USEPA. The current general use water quality standard includes both an acute and a chronic limit for dissolved zinc concentrations. A total of 53 zinc samples exceed the currently applicable chronic standard for protection of aquatic life while six samples exceed the acute aquatic life criteria. Both criteria are hardness dependent (refer to **Table 4-1**). Exceedances of the chronic standard for dissolved zinc occurred in nearly every year in the record and exceedances of the acute standard occurred in 2000, 2003, 2004, and 2006 (**Figure 5-2**).

Table 5-1 Existing Zinc Data for Little Vermilion River Segment DR-01

Sample Location and Parameter	Period of Record and Number of Data Points	Mean	Maximum	Minimum	Number of Acute Exceedances	Number of Chronic Exceedances
Zinc, Dissolved (µg/L)	1999 - 2009; 65	192	910	6.5	6	53

Note: Acute and chronic standards for dissolved zinc in streams are hardness-dependent

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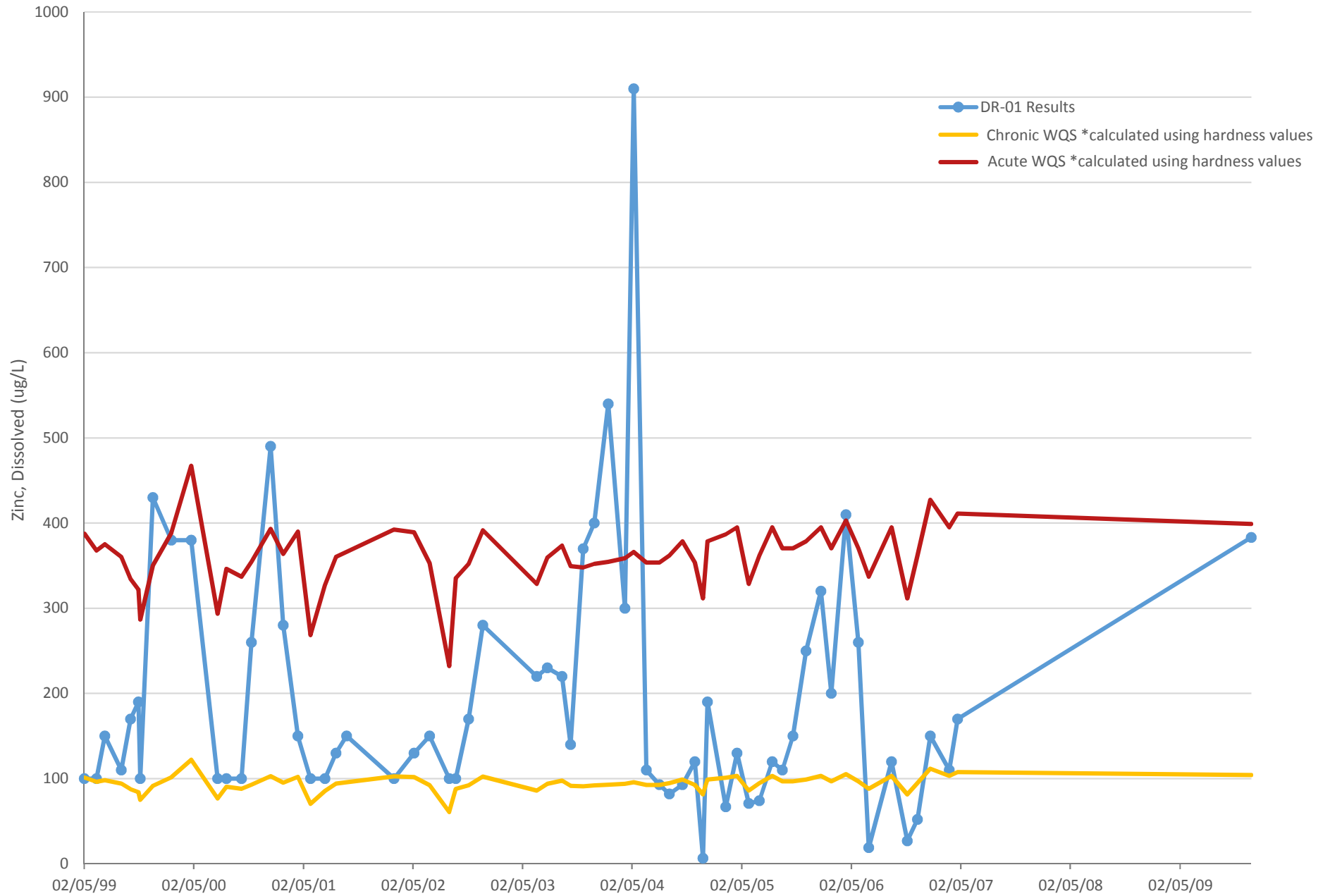


Figure 5-2
Dissolved Zinc
Little Vermilion River Segment DR-01

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5.1.1.2 Chloride

Little Vermilion River (LaSalle County) segment DR-01 is listed for impairment caused by elevated chloride concentrations. **Table 5-2** summarized available historical chloride data for this segment. The current general use water quality standards for total chloride is 500 mg/L. The summary of data presented in **Table 5-2** reflects all available chloride data for segment DR-01. A total of two chloride samples collected during this time period exceed the current water quality standards. The highest reported value (9,880 mg/L) occurred in March 2003. The only other exceedance was reported in November 2005 at a considerably lower concentration (532 mg/L). **Figure 5-3** shows the timing and magnitude of the exceedances.

It should be noted that station DR-01 was dropped as an ambient water quality monitoring station in 2008. Since then, the state monitoring unit has collected water quality samples only twice at this station (9/30/2009 and 8/5/2011). An additional five samples were collected in 2012 by Illinois EPA which ranged from 75 mg/L to 397 mg/L, with the maximum concentration found in December. The remaining samples were all collected June through October. Because chloride can spike in response to road salting, and the majority of recent data were not collected during peak road salting months, the segment has remained on the impaired waterbodies list.

Table 5-2 Existing Chloride Data for Little Vermilion River Segment DR-01

Sample Location and Parameter	Illinois WQ Standard	Period of Record and Number of Data Points	Mean	Maximum	Minimum	Number of Exceedances
Chloride (mg/L)	500	1999 - 2011; 65	275	9,880	24	2
		2012*; 5	175	397	129	0

*Additional data collected in 2012 not published at the time of the Stage 1 TMDL report.

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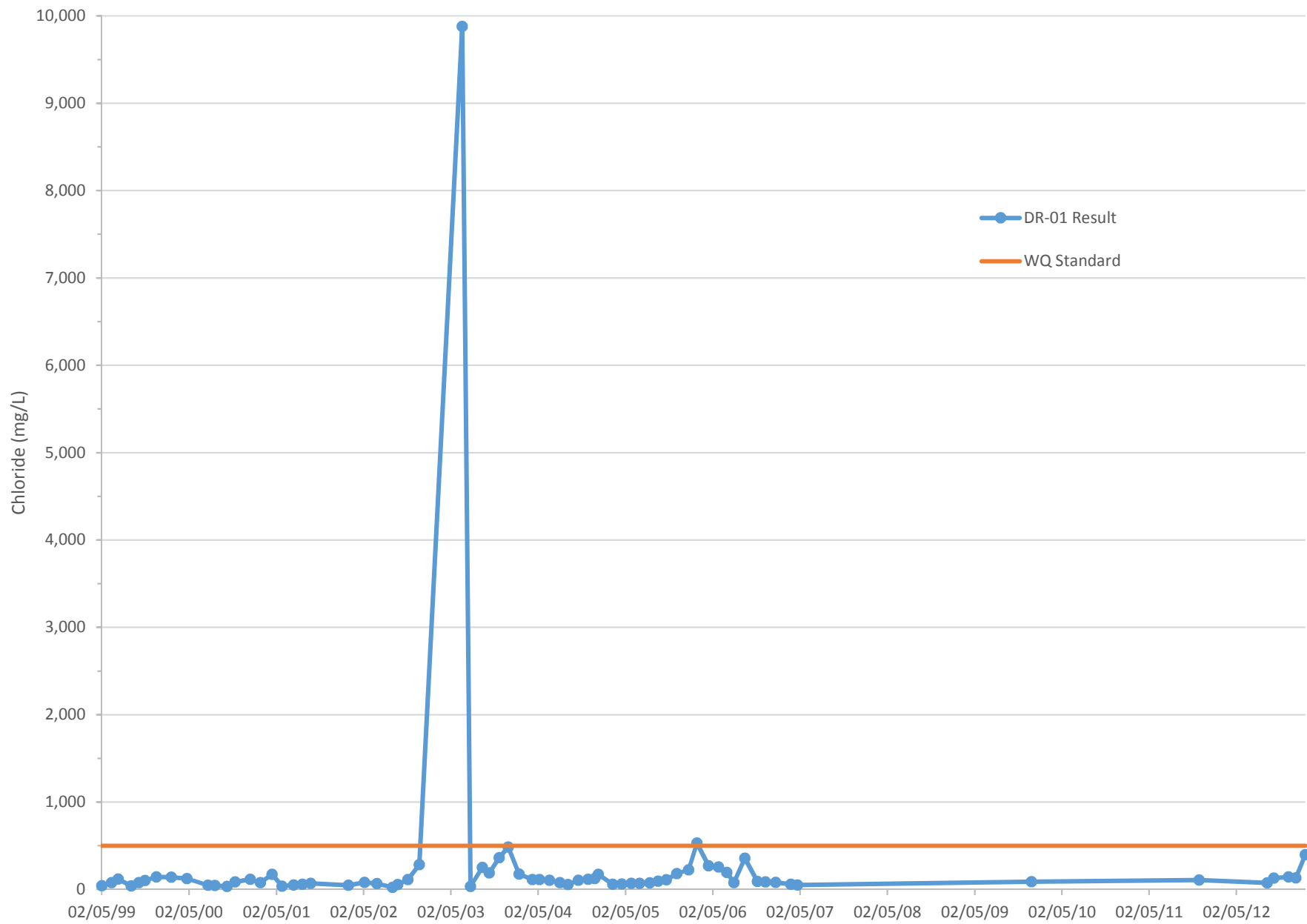


Figure 5-3
Chloride
Little Vermilion River Segment DR-01

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5.1.1.3 Fecal Coliform

Little Vermilion River segment DR-01 is listed for impairment caused by total fecal coliform. **Table 5-3** summarizes available historical fecal coliform data on this segment. The general use water quality standard for fecal coliform states that the standard of 200 colony forming units (cfu) per 100 milliliters (mL) shall not be exceeded by the geometric mean of at least five samples, nor can 10 percent of the samples collected exceed 400 cfu per 100 mL in protected waters, except as provided in 35 Ill. Adm. Code 302.209(b). Samples must be collected over a 30-day period or less during the months of May through October. More recent data were not available for fecal coliform on this segment at the time of Stage 1 report publication, and additional data collection was suggested to assess the segment's current compliance with the applicable fecal coliform standards. As a result, Illinois EPA collected additional samples for fecal coliform from this segment in 2015. Potential exceedances of the 200 cfu/100 mL geometric mean (based on single sample comparisons to the geometric mean standard due to data limitations) and 400 cfu/100 mL daily maximum standards occur regularly at DR-01 (9 and 8 times out of the 30 samples, respectively) from 1999 to 2015. Potential exceedances have occurred in both the historical data set (1999-2006) as well as the recently collected data (2015).

The summary of data presented in **Table 5-3** reflects single samples collected in May-October compared to the threshold values, for reference, during the appropriate months. **Figure 5-4** shows the total fecal coliform samples collected over time at segment DR-01.

Table 5-3 Existing Fecal Coliform Data for Little Vermilion River Segment DR-01

Sample Location and Parameter	Period of Record and Number of Data Points ⁽¹⁾	Geometric Mean of all samples	Maximum	Minimum	Number of samples > 200(1)	Number of samples > 400(1)
Total Fecal Coliform (cfu/100 mL)	1999-2015; 30	288	28,000	33	9	8

(1) Samples collected during the months of May through October

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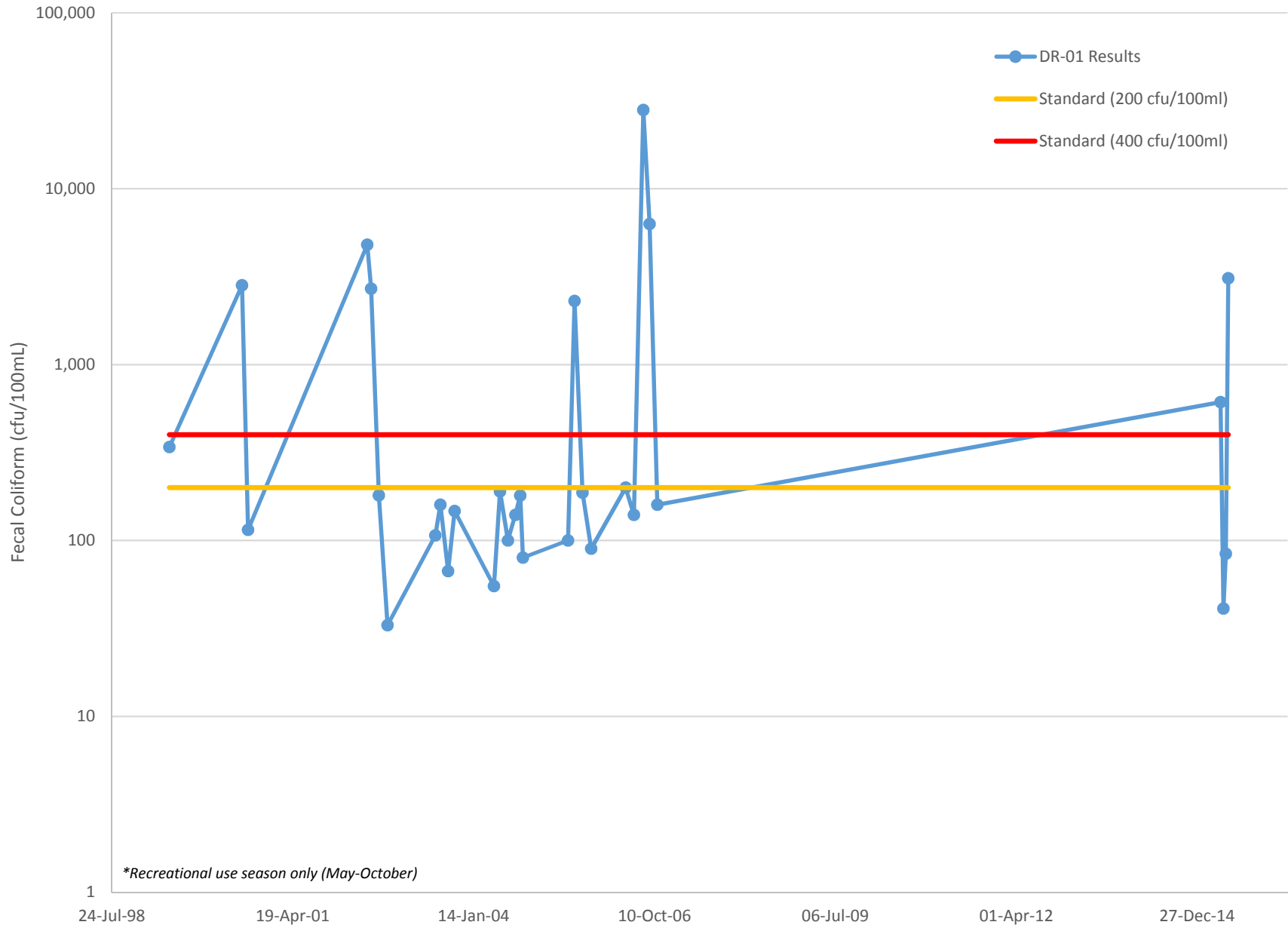


Figure 5-4
Fecal Coliform
Little Vermilion River Segment DR-01

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5.1.1.4 pH

Segment DR-01 of the Little Vermilion River is listed for impairment caused by pH. A sample is considered an exceedance if it is below 6.5 or above 9.0 s.u. at any time. A total of 89 samples have been collected since 1999 from the impaired segment, 3 of which were above the allowable range of pH (**Table 5-4**). All three exceedances of the standard reported in the DS-01 dataset were reported in 2002-2005 at levels above the maximum acceptable value of 9.0 s.u. (**Figure 5-5**). Recent pH data were not available for this segment at the time of the Stage 1 report's publication and additional data collection was recommended to confirm whether or not impairment still exists. Illinois EPA collected additional data in 2015 that did not include additional exceedances of the applicable standards and as a result, this segment has been recommended for delisting for impairment caused by pH.

Table 5-4 Existing pH Data for Little Vermilion River Segment DR-01

Sample Location and Parameter	Illinois WQ Standard	Period of Record and Number of Data Points	Mean	Maximum	Minimum	Number of Exceedances
pH (s.u.)	6.5 - 9.0	1999 - 2007; 80	8.3	11.4	7.4	3
		2015; 9	8.2	8.5	7.5	0

s.u. = standard units

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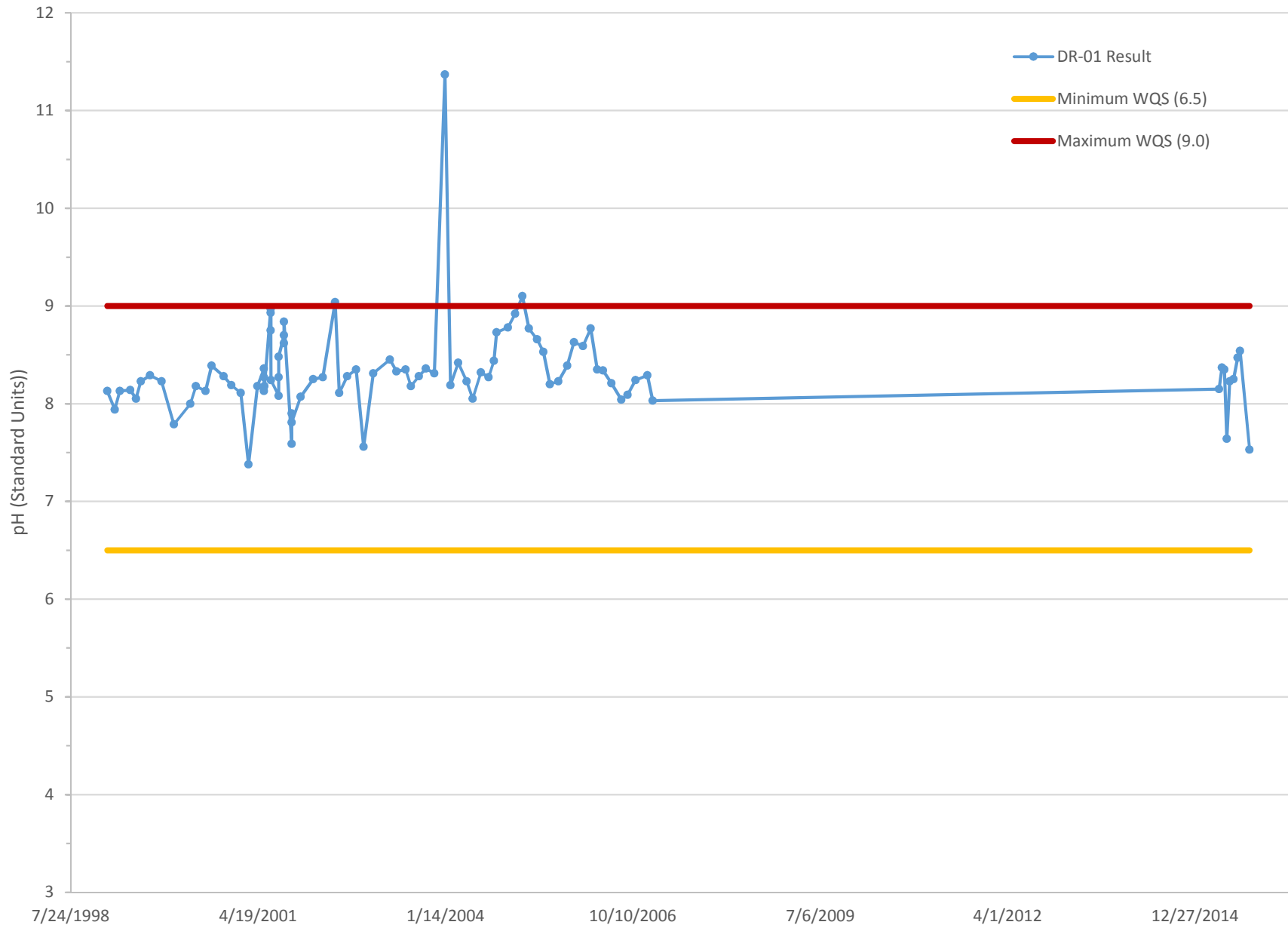


Figure 5-5

pH

Little Vermilion River Segment DR-01

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5.1.1.5 Dissolved Oxygen

Mendota Creek (segment DRD) is listed for impairment caused by low dissolved oxygen (DO) concentrations. The available dataset for this segment at the time of Stage 1 report development was limited and consisted of single samples collected at each of six stations along the reach that occurred during a single FRSS monitoring event conducted on August 3-4, 1988. As a result, a recommendation for additional data collection was included in the Stage 1 report to confirm whether or not impairment still exists. Illinois EPA subsequently collected nine additional DO measurements at one station on Mendota Creek (DRD-M-C2) in 2015.

The general use water quality standard for DO provides seasonal instantaneous minimum and minimum weekly (7-day) average concentrations for DO in streams. Due to the limited dataset, only the instantaneous minimum standards of 5.0 mg/L for March through July and 3.5 mg/L for August through February were used to identify exceedances of the standard in this section of the report. A single exceedance of the seasonal minimum DO standard applicable to the sample collection period (3.5 mg/L) was reported at one of the six sampling locations (DRD-M-A1) on August 3, 1988 **Table 5-5**. This sampling station is located approximately 0.7 miles upstream of the confluence of Mendota Creek and the Little Vermilion River. No additional exceedances were reported for the other monitoring locations on this stream segment **Figure 5-6**. Additional measurements collected as part of the Stage 2 effort in 2015 did not result in additional exceedances being reported. As a result, this segment is recommended for delisting for impairment caused by low DO.

Table 5-5 Existing DO Data for Mendota Creek Segment DRD

Sample Location and Parameter	Illinois WQ Standard	Period of Record and Number of Data Points	Mean	Maximum	Minimum	Number of Exceedances
Dissolved Oxygen (mg/L)	5.0 ⁽¹⁾ , 3.5 ⁽²⁾	1988; 6	5.9	9.6	2.4	1
		2015; 9	10.3	12.7	8.2	0

(1) Instantaneous Minimum March-July

(2) Instantaneous Minimum August-February

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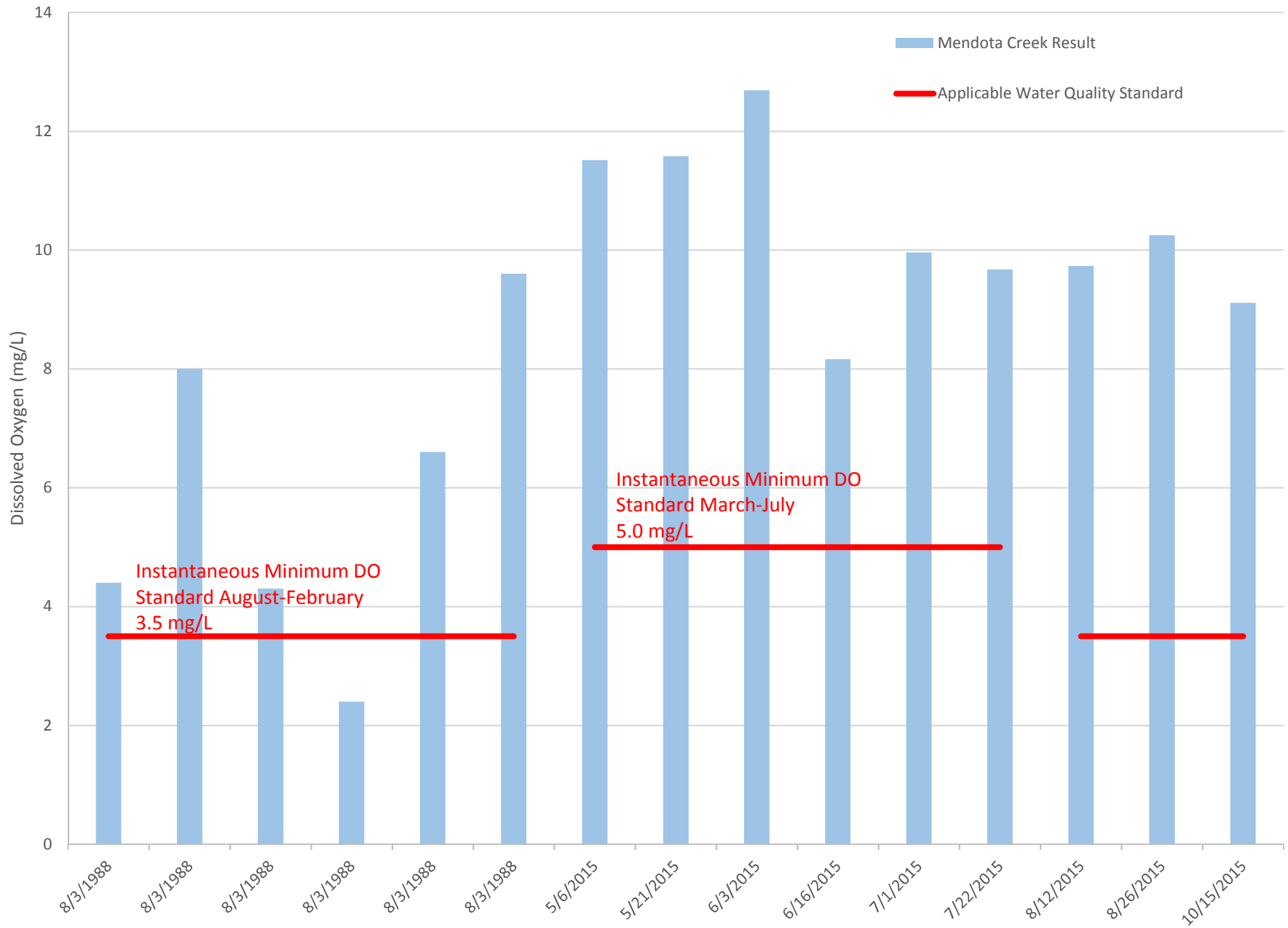


Figure 5-6
Dissolved Oxygen
Mendota Creek (DRD)

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5.1.1.6 Total Phosphorus

Little Vermilion River Segment DR-01 and Mendota Creek (DRD) are both listed for impairment caused by total phosphorus. The current water quality standards for instream phosphorus are narrative in nature and do not include any state-wide numerical target concentrations. Illinois EPA has developed a watershed-specific LRS target value for total phosphorus in streams of the Little Vermilion River watershed of 0.289 mg/L. The available total phosphorus data for these segments are presented in **Table 5-6** below. Graphical comparison of the available total phosphorus datasets relative to the LRS target value is also provided for the Little Vermilion River (DR-01) and Mendota Creek (DRD) in **Figures 5-7** and **5-8**, respectively.

Exceedances of the LRS target value occur in three of 63 total samples collected from the Little Vermilion River (DR-01), all of which occurred between 2002 and 2006. Exceedances of the LRS target value were more common in Mendota Creek, with 21 exceedances out of 26 total samples evenly distributed across the entire period of record. Mean total phosphorus concentrations in Mendota Creek are more than five times greater than the LRS target value.

Table 5-6 Existing Total Phosphorus Data for Little Vermilion River

Sample Location and Parameter	Period of Record and Number of Data Points	Mean	Maximum	Minimum	Exceedances of the LRS Target Value
Little Vermilion River DR-01; Sample Location DR-01					
Phosphorus, Total (mg/L)	1999-2012; 63	0.152	0.870	0.010	3
Mendota Creek DRD; Sample Locations DRD-M-A1, DRD-M-C1, DRD-M-C2, DRD-OC-A1, DRD-OC-C1, DRD-OC-C2					
Phosphorus, Total (mg/L)	1998-2015; 26	1.693	6.78	0.071	21

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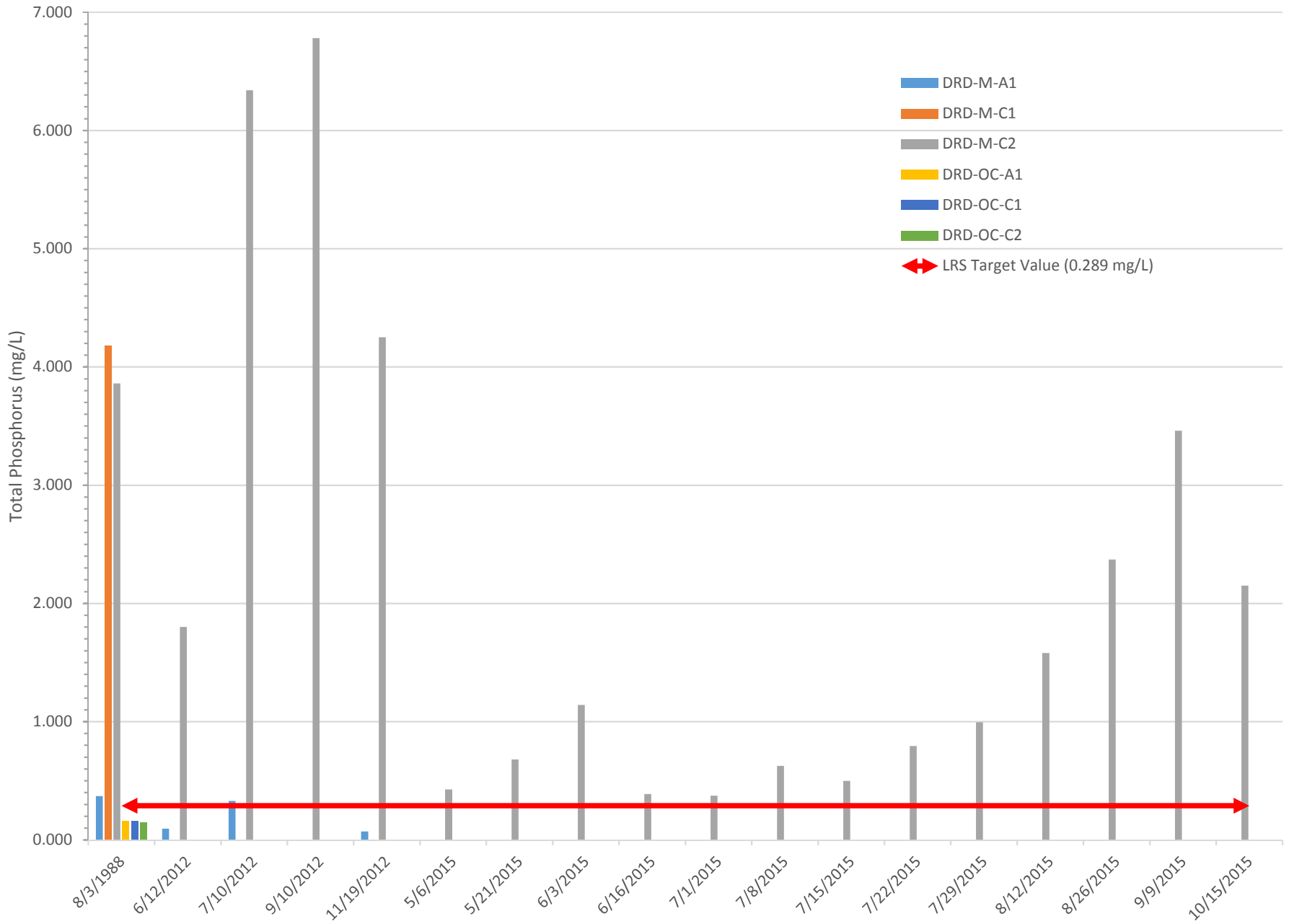


Figure 5-8
Total Phosphorus
Mendota Creek Segment DR-01

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5.1.1.7 TSS

Segment DR-01 of the Little Vermilion River is listed for impairment caused by TSS. The applicable water quality standard for TSS in streams is narrative in nature and does not include any state-wide numerical target concentrations. Illinois EPA has developed a watershed-specific LRS target value for TSS in streams of the Little Vermilion River watershed of 25.3 mg/L. A total of 71 samples have been collected since 1999 from the impaired segment, 24 of which were reported at concentrations greater than the LRS target value (**Table 5-7**). Exceedances have been reported at relatively regular intervals across the entire period of record, although the most recent data suggest some improvement in conditions may have occurred over the past 10 years **Figure 5-9**. Additional data collection could be valuable for confirming any potential trends in TSS concentrations over time.

Table 5-7 Existing TSS Data for the Little Vermilion River Segment DR-01

Sample Location and Parameter	LRS Target Value	Period of Record and Number of Data Points	Mean	Maximum	Minimum	Number of Exceedances
TSS (mg/L)	25.3	1999-2012; 71	35.7	571	1.0	24

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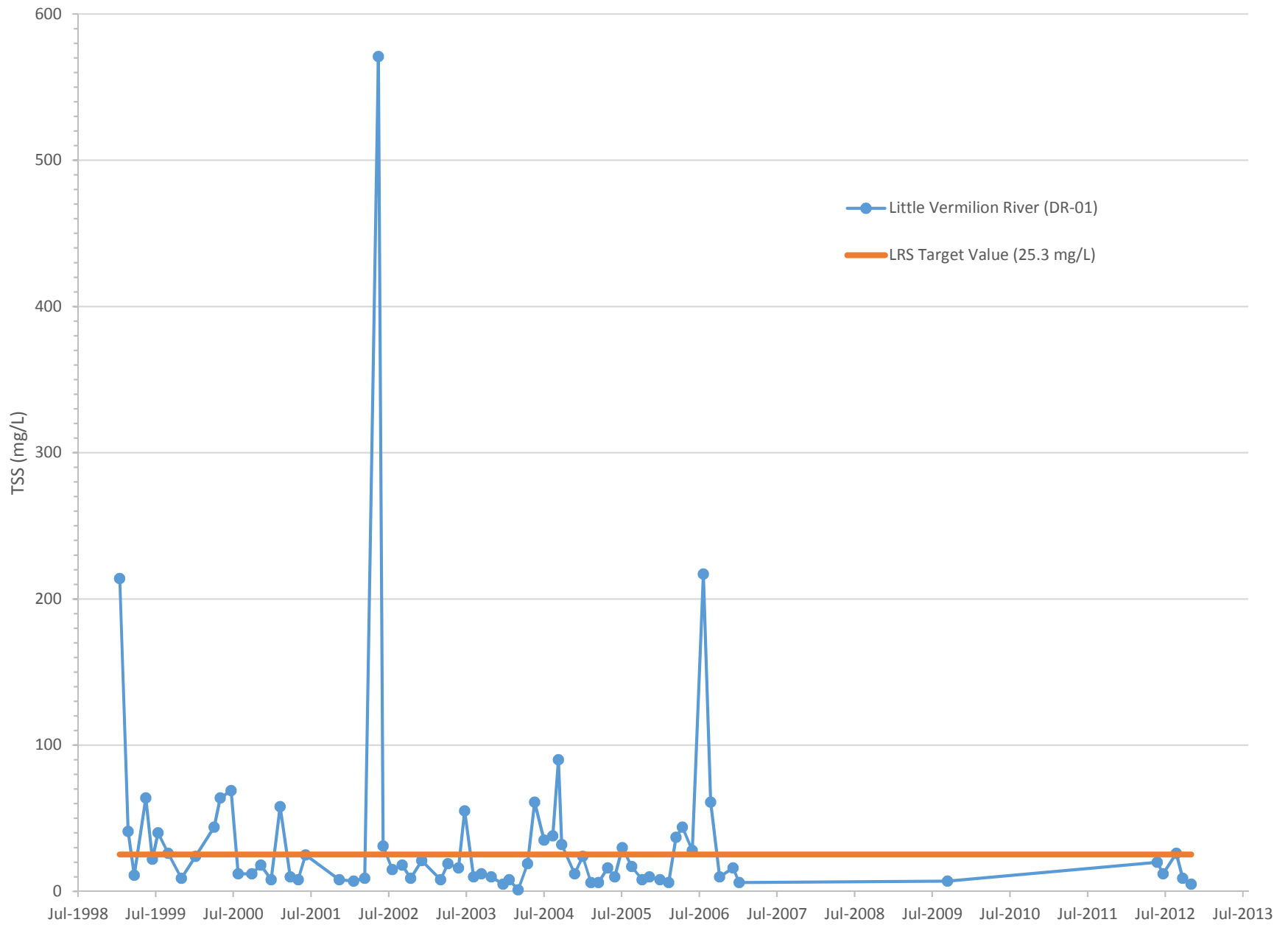


Figure 5-9

TSS

Little Vermilion River Segment DR-01

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5.2 Point Sources

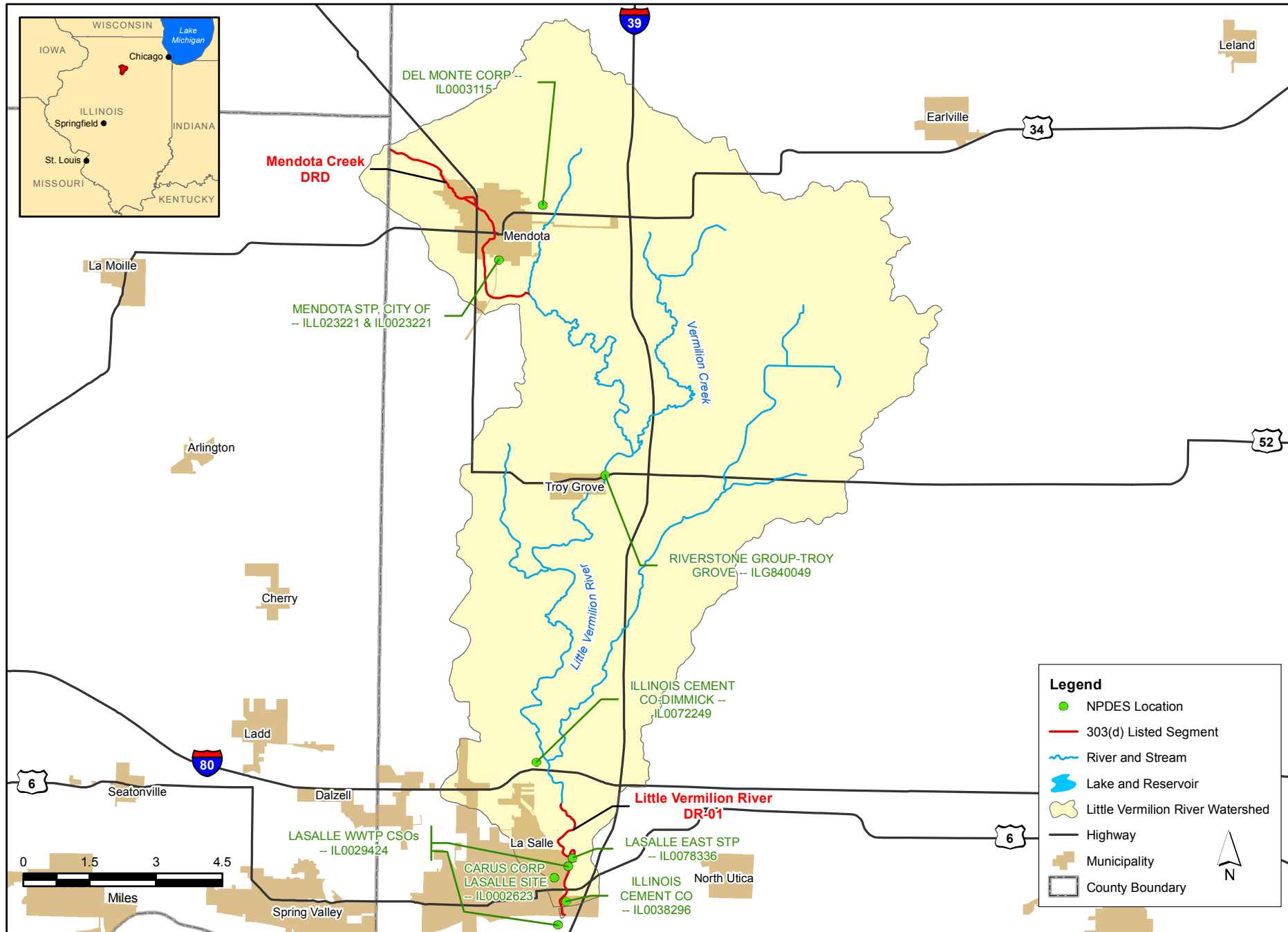
There are eight NPDES permitted point sources that discharge to waterbodies within the Little Vermilion River (LaSalle County) watershed. **Table 5-8** contains permit information for these point sources while **Figure 5-10** shows the locations of outfalls for each facility. Facilities discharging treated domestic wastewater have the potential to affect dissolved oxygen concentrations (through the discharge of nutrients and other oxygen-demanding materials) and fecal coliform counts in their receiving waters. Potential pollutants discharged from industrial facilities vary by industry and may or may not contain metals, but industry is typically less likely to impact nutrient concentrations and fecal coliform counts. Permit limits and discharge monitoring reports were analyzed and further detailed as applicable during Stage 3 TMDL development (see Sections 7 and 8).

In addition, a number of general no-discharge/stormwater NPDES permits exist within the watershed. Stormwater discharges can contribute sediment loads to receiving waters during high precipitation events. There are currently no municipal separate storm sewer system (MS4) permits applicable to this watershed. The 2016 303(d) list identified combined sewer overflows (CSOs) and sanitary sewer overflows (SSOs) as potential pollutant sources. The LaSalle South Wastewater Treatment Plant (WWTP) has three CSOs, of which two have historically discharged above the water quality monitoring station on the impaired segment of the Little Vermilion River. CSOs occur during high flow events when treatment capacity is exceeded and can discharge untreated or partially treated human and industrial waste, debris and stormwater to receiving waters. It should be noted that the main outfall for new LaSalle South WWTP discharges to the Illinois River downstream of this watershed, however, through public comment it was noted that an old/abandoned sewer line runs under the Matthiessen and Hegeler Zinc Company Site. Local stakeholders indicated this could be a potential source for fecal coliform.

Table 5-8 Permitted Facilities Discharging to or Upstream of Impaired Segments in the Little Vermilion River (LaSalle County) Watershed

Facility ID	Facility Name	Impaired Segment
IL0002623	CARUS CHEMICAL-LASALLE	Little Vermilion River DR-01
IL0003115	DEL MONTE CORP-MENDOTA PLT#112	Little Vermilion River DR-01
IL0023221	MENDOTA STP	Mendota Creek DRD
IL0038296	ILLINOIS CEMENT CO-LASALLE	Little Vermilion River DR-01
ILG840123	ILLINOIS CEMENT-DIMMICK	Little Vermilion River DR-01
ILG840049	RIVERSTONE GROUP INC-TROY GROVE	Little Vermilion River DR-01
IL0029424	LASALLE CSO OUTFALLS 006A and 007	Little Vermilion River DR-01
IL0078336	LASALLE EAST STP	Little Vermilion River DR-01

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**Little Vermilion River
NPDES Locations**

FIGURE 5-10

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5.3 Nonpoint Sources

There are many potential nonpoint sources of pollutant loading to the impaired segments in the Little Vermilion River (LaSalle County) watershed. This section will discuss site-specific cropping practices, animal operations, and area septic systems. These are important nonpoint sources to consider in TMDL development because of their potential to contribute sediments and metals through soil loss and erosion, nutrients through fertilization, nutrients and bacteria through failing septic systems, and bacteria from wildlife and manure to area waterbodies. Data were collected when available through communications with the local NRCS, Illinois Soil and Water Conservation Districts, and public health departments.

5.3.1 Crop Information

Approximately 78 percent of the land within the Little Vermilion River (LaSalle County) watershed is devoted to agriculture. Corn and soybean farming account for 40 and 37 percent of the agricultural land in the watershed area, respectively.

Tillage practices for crops such as corn, soybeans, and grains can be categorized as conventional till, reduced till, mulch till, and no till. Each tillage practice leaves varying levels of crop residue after planting (see detailed discussion in Section 9). Tillage practices directly relate to water quality through their effects on soil loss. Soil can be an instream pollutant (sedimentation/siltation and TSS) and can also carry pollutants (metals, nutrients, et al) to receiving waters.

The percentage of each tillage practice for corn, soybeans, and small grains are generated by county in the Illinois Soil Conservation Transect Surveys conducted by the Illinois Department of Agriculture. Data specific to the Little Vermilion River (LaSalle County) watershed were not available; however, data from the 2013 survey for the entirety of LaSalle County are presented in the following **Table 5-9**.

Table 5-9 Tillage Practices in LaSalle County

Tillage System	Corn	Soybean
Conventional	77%	23%
Reduced - Till	8%	19%
Mulch - Till	4%	7%
No - Till	11%	51%

According to officials from the LaSalle County NRCS office, the use of drain tiling is widespread and dates back to the 1860s. NRCS officials estimated that all farms in the county have some sort of drain tile installed. Tile drainage can exacerbate runoff making storm events more intense instream leading to increased streambank erosion. Tile drains can also allow bacteria to grow or enter waterbodies more quickly and can be a path for increased dissolved nutrient loss from fields. Without more precise local information, soils data may be reviewed for information on hydrologic soil group in order to provide a basis for the drain tile estimates.

5.3.2 Animal Operations

Information on commercial animal operations is available from the NASS. Data for LaSalle County, Illinois, are presented in the following **Table 5-10**. Knowing the number of animal units in a watershed is useful in TMDL development as grazing animals have the potential to increase erosion and contribute fecal coliform through manure. Attempts were made to determine or estimate watershed-specific information regarding animal operations located near impaired waters and/or manure spreading practices throughout the Little Vermilion River (LaSalle County) watershed. The table below represents the best information available. Public comments indicated that herd grazing does occur in the watershed and could be a contributor to fecal coliform (through manure) and TSS (through over-grazing and streambank erosion).

Table 5-10 LaSalle County Animal Population (2007 & 2013 Census of Agriculture)

	2007	2013	Percent Change
Cattle and calves	19,123	12,497	-35%
Beef	7,330	3,580	-51%
Dairy	87	8	-91%
Hogs and Pigs	13,079	2,224	-83%
Poultry	3,767	5,772	53%
Sheep and Lambs	1,745	1,450	-17%
Horses and Ponies	813	1,099	35%

5.3.3 Septic Systems

Approximately 6 percent of the Little Vermilion River (LaSalle County) watershed consists of developed or urbanized land, primarily in and around the cities of Mendota and LaSalle. A majority of businesses, residences, and other structures in the developed areas are served by a municipal sewer district and septic systems are uncommon in these areas. The remainder of the watershed is rural and primarily devoted to agricultural purposes.

Many households in rural areas of Illinois that are not connected to municipal sewers make use of onsite sewage disposal systems, or septic systems. There are many types of septic systems, but the most common septic system is composed of a septic tank draining to a septic field, where nutrient removal occurs. However, the degree of nutrient removal is limited by the types of soils and system upkeep and maintenance.

Throughout the U.S., septic systems have been found to be a significant source of phosphorus pollution. Failing or leaking septic systems contribute to fecal coliform pollution, although animal waste, urban runoff, and permitted point sources can also contribute.

Information on the extent of sewerred and non-sewerred municipalities in the Little Vermilion River (LaSalle County) watershed was obtained from the LaSalle County Department of Health. County health officials reported that residents of the largest municipalities in the watershed (Mendota and LaSalle) generally were on public sewer systems, while residents in the rural parts of the county used private septic systems. Section 2.5 indicated that approximately 14,600 people reside in the Little Vermilion River watershed and about 7,200 of those reside in Mendota. A portion of the city of La Salle is also located in the southern edge of the watershed. Based on

Figure 1-1, the portion of La Salle within the watershed appears to be less than the size of Mendota, and is estimated to be one-half of the Mendota population (therefore, approximately 3,600). It was noted during the public comment period that the community of Troy Grove is not served by sewer. Based on these assumptions, up to 3,800 people remain that may be served by private septic systems. If a typical household is assumed to consist of four people, an estimated 950 households rely on septic systems to treat waste in this watershed.

5.3.4 Historical Smelting Operations

Although the Matthiessen and Hegeler Zinc Company Site has been identified as the primary contributor of zinc within the watershed, potential nonpoint sources of zinc include runoff from historical smelting operations. For example, the June 2012 Remedial Investigation Report for the Matthiessen and Hegeler Zinc Company Site, LaSalle, Illinois (prepared by Geosyntec and SulTRAC) indicates that there is a partially submerged slag pile in the area which contains zinc compounds that leach to groundwater, surface runoff, and stream water and sediment. Additional sources of metals may be from naturally-occurring high background levels of some metals in soils which can then migrate to surface water through overland runoff, soil erosion, and groundwater.

5.3.5 Urban Nonpoint Sources

Although much of the Little Vermilion River (LaSalle County) watershed is rural, the land use contributing directly to segment DR-01 is developed within the City of LaSalle. LaSalle does not have a MS4 permit so urban stormwater from the city is considered nonpoint source. The nonpoint source urban stormwater can contribute sediment and chloride (associated with road salting during winter months) to area waterbodies.

5.4 Watershed Studies and Other Watershed Information

The extent of previous planning efforts within the Little Vermilion River (LaSalle County) watershed is currently unknown. A wide range of additional environmental data have been collected in the watershed in relation to the CERCLA investigations conducted by USEPA, Geosyntec, SulTRAC, and the Carus Corporation as part of the Final Remedial Investigation report for the Matthiessen and Hegeler Zinc Company Site (USEPA 2012). Previously published data from this report have been incorporated into the TMDL development process.

Additional data sources known to exist for this watershed include sampling and field work conducted by the Illinois Valley Community College Chemistry Club (IVCC Chem Club) (<http://www.ivcc.edu/chemclub>). While it may not be possible to incorporate this data directly into the TMDL development process, information from this and other sources may be beneficial for future watershed and BMP planning efforts.

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Section 6

Approach to Developing TMDLs and Identification of Data Needs

Illinois EPA is currently developing TMDLs for pollutants that have numeric water quality standards. Pollutants without numeric water quality standards are addressed through the development of an LRS at this time. Of the pollutants causing impairment to stream segments in the Little Vermilion River (LaSalle County) watershed, chloride, zinc, pH, fecal coliform, and DO are all of the parameters with numeric water quality standards. Impairments caused by TSS and total phosphorus in streams are based on narrative standards. Refer to **Table 1-1** for a full list of potential causes of impairment. Illinois EPA believes that addressing the parameters with numeric standards through TMDLs should lead to an overall improvement in water quality due to the interrelated nature of the other listed pollutants. Recommended technical approaches for developing TMDLs and LRSs are presented in this section. Additional data needs are also discussed.

6.1 Simple and Detailed Approaches for Developing TMDLs

The range of analyses used for developing TMDLs varies from simple to complex. Examples of a simple approach include mass-balance, load-duration, and simple watershed and receiving water models. Detailed approaches incorporate the use of complex watershed and receiving water models. Simplistic approaches typically require less data than detailed approaches. Therefore, these are the analyses recommended for the Little Vermilion River (LaSalle County) watershed. Establishing a link between pollutant loads and resulting water quality is one of the most important steps in developing a TMDL. As discussed above, this link can be established through a variety of techniques. The objective of the remainder of this section is to recommend approaches for establishing these links for the constituents of concern in the Little Vermilion River (LaSalle County) watershed.

6.2 Additional Data Needs for TMDL and LRS Development in the Little Vermilion River (LaSalle County) Watershed

Table 6-1 contains summary information regarding data availability for all impairments addressed by TMDLs in the Little Vermilion River (LaSalle County) watershed.

Although there are a reasonable number of fecal coliform sample data points available for the Little Vermilion River to support TMDL calculation, the segment was last sampled for fecal coliform in 2006. In order to better assess the current fecal coliform concentration, additional sample collection was recommended and subsequently performed in 2015, prior to development of this Stage 3 report. Sample collection at various times of year and over a range of flow conditions is most beneficial for assessing the entire range of conditions that may occur within the river and provides for a more accurate depiction of potential factors influencing the fecal coliform impairments in the Little Vermilion River.

Table 6-1 Data Availability and Data Needs for TMDL Development in the Little Vermilion River (LaSalle County) Watershed

Waterbody Name	Impairment Parameter	Period of Record	Data Count	Additional Data Needs
Little Vermilion River (DR-01)	Fecal Coliform	1999-2006	26	Additional fecal coliform data collection was recommended to assess current condition and was performed as part of Stage 2 efforts
		2015	4 ¹	
	Chloride	1999 - 2012	70	Recent data do not suggest impairment; additional data collected during months when road de-icing occurs may be valuable to confirm that impairment still exists
	Zinc	1999 - 2009	65	None
	pH	1999 - 2007	80	Additional pH data collection was recommended to assess current condition and was performed as part of Stage 2 efforts
2015		9		
Mendota Creek (DRD)	Dissolved Oxygen	1988	6	Additional DO data collection was recommended to assess current condition and was performed as part of Stage 2 efforts
		2015	9	

¹ Note that 5 samples were collected but one was disqualified by an error at the laboratory

The available datasets for chloride, zinc, and pH on the Little Vermilion River are generally sufficient for basic TMDL calculations and model development. Prior to completion of the Stage 2 effort, the latest pH data available was collected in 2007, and the last reported exceedance occurred in 2005. Additional pH data collection was recommended in Stage 1 and performed in 2015 prior to development of this Stage 3 report. The 2015 data did not include any exceedances and this segment is recommended for removal from the 303(d) list for this impairment.

At the time of Stage 1 reporting, the available dataset for chloride was very limited in recent years with only three samples collected since 2006. Few exceedances for chloride in the Little Vermilion River existed in the initial dataset, suggesting that further data collection was necessary to determine if the segment is currently in compliance with the applicable chloride standards and if it may be a candidate for delisting. Additional data were collected in 2012 but were not publicly available at the time of the Stage 1 TMDL report’s publication. These data have since been published and are included in this Stage 3 report. The majority of chloride data collected in 2012 were not collected in winter months. Because chloride concentrations can spike in response to road salting, a TMDL was completed in Stage 3 (Sections 7 and 8).

At the time of Stage 1 report publication (2014), the available DO and total phosphorus dataset for Mendota Creek consisted of only six measurements for each parameter collected on a single date in 1988 (August 3) and was not sufficient to support TMDL development. Further data collection was recommended for verification of impairment and, if needed, for development of a water quality model for Mendota Creek. Additional data collection was performed by Illinois EPA in 2015 as part of the Stage 2 effort and is included in this report (Refer to Appendix C). The available total phosphorus and TSS datasets for the impaired segments are sufficient for LRS development. None of the more recently collected dissolved oxygen data indicate that impairment

caused by low DO is ongoing in Mendota Creek, and this segment is recommended for removal from the 303(d) list for this impairment.

6.3 Approaches for Developing TMDLs and LRSs in Little Vermilion River (LaSalle County) Watershed

6.3.1 Recommended Approach for Metals, Fecal Coliform, and Chloride TMDLs in the Little Vermilion River

The recommended approach for developing TMDLs for these segments and parameters is the load-duration curve method. The load-duration methodology uses the cumulative frequency distribution of stream flow and pollutant concentration data to estimate the allowable loads for a waterbody.

6.3.2 Recommended Approach for TSS and Total Phosphorus LRS Development

Illinois EPA developed a watershed-specific target to address impairment caused by total phosphorus in the Little Vermilion River and Mendota Creek and by TSS in the Little Vermilion River. These reduction goals are included in the Stage 3 TMDL/LRS report. The load duration curve method is recommended for TSS and TP LRSs using the watershed-specific targets to calculate allowable loads. Potential sources of TSS and total phosphorus have been identified as agriculture, livestock, and urban runoff in the watershed. The implementation plan presented in Section 9 includes BMPs to address these sources.

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Section 7

Methodology Development for the Little Vermilion River (LaSalle County) Watershed

7.1 Methodology Overview

Table 7-1 contains information on the methodologies selected and used to develop TMDLs and LRSs for impaired waterbodies within the Little Vermilion River (LaSalle County) watershed. Segment DR-01 of the Little Vermilion River and segment DRD of Mendota Creek are recommended for removal from 303(d) list for pH and DO, respectively, based on a review of the historical datasets as well as additional data collected in 2015 as part of Stage 2 of the TMDL development process.

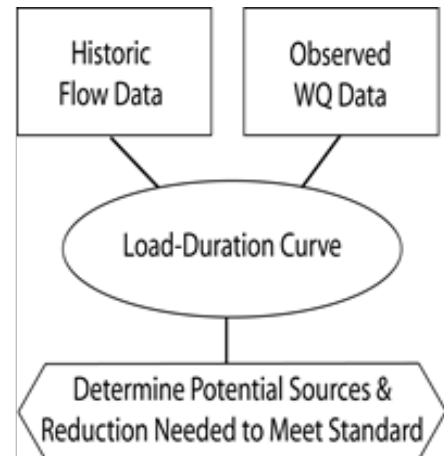
Table 7-1 Methodologies Used to Develop TMDLs in the Little Vermilion River (LaSalle County) Watershed

Segment ID	Segment Name	Potential Causes of Impairment	Assessment Type	Methodology
DR-01	Little Vermilion River	Zinc	TMDL	Load Duration Curve
		Chloride	TMDL	Load Duration Curve
		Fecal Coliform	TMDL	Load Duration Curve
		pH *	No TMDL Developed	No longer impaired – recommended for delisting
		Total Suspended Solids (TSS)	LRS	Load Duration Curve
		Phosphorus (Total)	LRS	Load Duration Curve
DRD	Mendota Creek	Dissolved Oxygen *	No TMDL Developed	No longer impaired – recommended for delisting
		Phosphorus (Total)	LRS	Load Duration Curve

*Parameters recommended for removal from the 303(d) list based on historical data review, changes to applicable water quality standards, or recent data that no longer show water quality impairment

7.1.1 Load-Duration Curve Overview

Loading capacity analyses were performed for stream impairments caused by zinc, chloride, fecal coliform, TSS, and total phosphorus through the development of a series of load-duration curves. A load-duration curve is a graphical representation of the maximum load of a pollutant that a stream segment can assimilate over a range of flow scenarios while still meeting the instream water quality standard. The load-duration curve approach utilizes historical flow data and observed water quality data to assess the magnitude and frequency of exceedances as well as to determine the flow scenarios when exceedances occur most.



7.2 Methodology Development

The following sections further discuss and describe the methodologies utilized to examine zinc, chloride, TSS, dissolved oxygen, and total phosphorus concentrations in the impaired stream segments of the Little Vermilion River (LaSalle County) watershed.

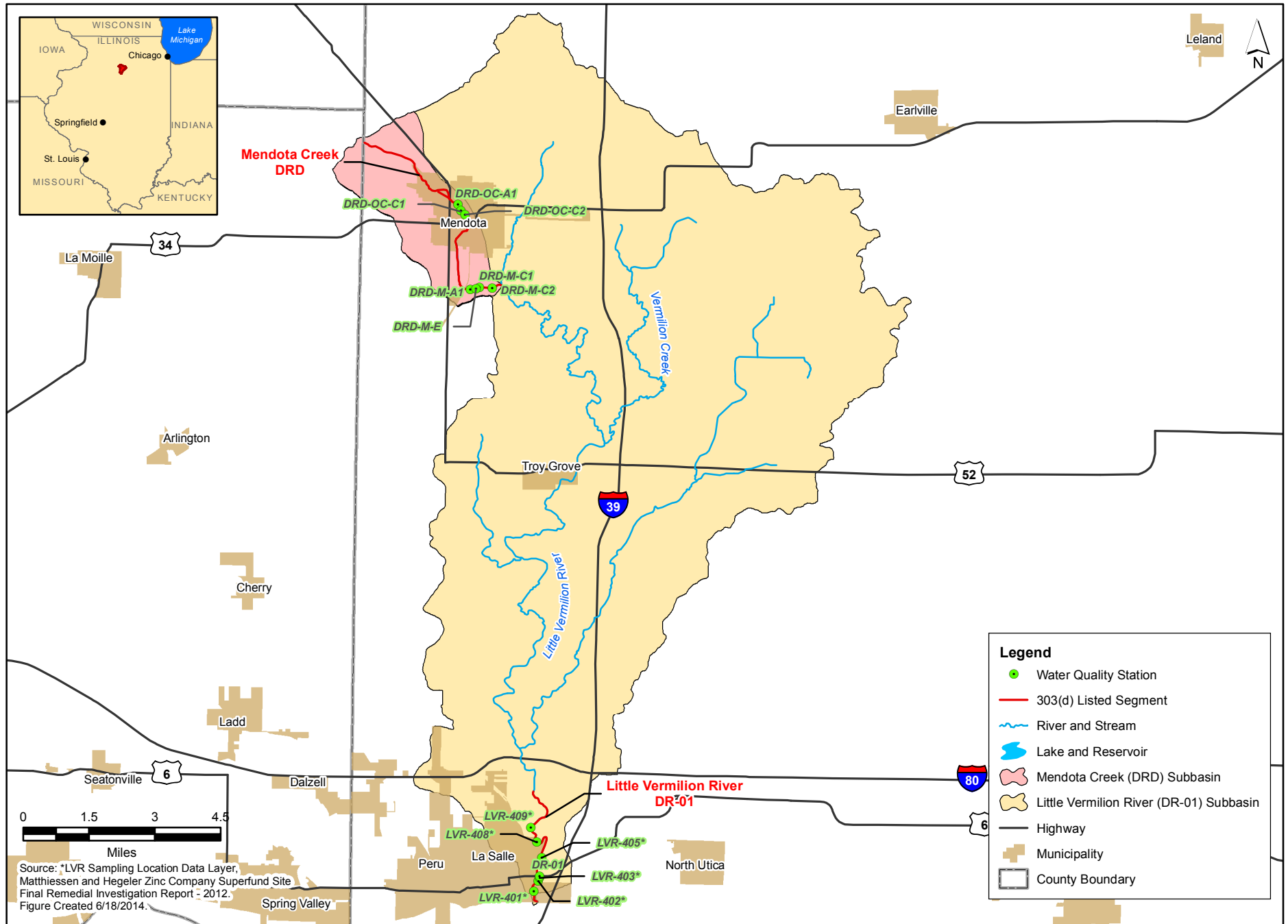
7.2.1 Load Duration Curve Development

Load duration curves are used for assessment and comparison of the range of loads allowable throughout the flow regime of a stream. This approach was used to characterize the current loading of zinc, chloride, fecal coliform, TSS, and total phosphorus to impaired segment of the Little Vermilion River (DR-01) and total phosphorus in Mendota Creek (DRD).

7.2.1.1 Watershed Delineation and Flow Estimation

Watersheds for the areas contributing directly to the impaired stream segments were delineated using GIS analyses of data layers provided in the NED. The watershed delineation shows that segment DR-01 captures flows from a directly contributing watershed of approximately 126 square miles while Mendota Creek (DRD) captures flows from a directly contributing watershed of 7.4 square miles. **Figure 7-1** shows the location of the water quality stations on each segment as well as the boundary of the GIS-delineated watersheds.

Flow data corresponding to each water quality sample is required for development of a load duration curve. No active USGS stream gages currently exist in the Little Vermilion River (LaSalle County) watershed; therefore, as discussed in Section 2.6.3 of this report, a surrogate gage was selected for use in estimating flows in the Little Vermilion River (LaSalle County) watershed. USGS gage 5439000 South Branch Kishwaukee River at Dekalb, Illinois was selected as a surrogate gage for this watershed. This gage is located approximately 27 miles northeast of the Little Vermilion River (LaSalle County) watershed in a basin of similar size and with similar land-use characteristics and was also chosen because it has no point source discharges upstream of the gage location. The period of record for flow measurements at this gage extends from 1925 through the present with average monthly flows ranging from 22 cfs in October to 110 cfs in March. The drainage area to this gage is approximately 78 square miles. Data from this gage were used to estimate flow values at all locations in the Little Vermilion River (LaSalle County) watershed using the drainage area ratio method represented by the following equation:



**Little Vermilion River
Water Quality Stations and Subbasin Delineation**

FIGURE 7-1

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$$Q_{\text{gaged}} \left(\frac{\text{Area}_{\text{ungaged}}}{\text{Area}_{\text{gaged}}} \right) = Q_{\text{ungaged}}$$

where Q_{gaged}	=	Streamflow of the gaged basin
Q_{ungaged}	=	Streamflow of the ungaged basin
$\text{Area}_{\text{gaged}}$	=	Area of the gaged basin
$\text{Area}_{\text{ungaged}}$	=	Area of the ungaged basin

The assumption behind the equation is that the flow per unit area is equivalent in watersheds with similar characteristics. Therefore, the flow per unit area in the gaged watershed multiplied by the area of the ungaged watershed estimates the flow for the ungaged watershed.

Data downloaded through the USGS for the surrogate gage for the available period of record were adjusted to account for point source influence in the watershed upstream of the gaging station. Average daily flows from all NPDES permitted facilities upstream of the surrogate USGS gages are typically subtracted from the gaged flow prior to flow-per unit-area calculations; however, in this case no permitted point sources exist upstream of the surrogate gage. Average daily flows from permitted NPDES discharges upstream of the impaired segments in the Little Vermilion River (LaSalle County) watershed were then added back into the equation to more accurately reflect estimated daily streamflow conditions in a given segment.

7.2.1.2 Zinc in Little Vermilion River Segment DR-01

A load duration curve for zinc in impaired segment DR-01 was generated by ranking the estimated daily flow data generated through the area ratio method discussed above, determining the percent of days these flows were exceeded, and then graphically plotting the results. The flows in the duration curve were then multiplied by the lowest calculated chronic water quality standard to generate a load duration curve. Water quality standards for zinc that have been established to protect the aquatic life include both chronic and acute standards that are calculated based on the existing total hardness concentration in stream at the time of sampling. As a conservative measure, the allowable load calculations for this TMDL are based on the lowest calculated chronic water quality standard in the available dataset for segment DR-01 of 60.7 µg/L (calculated using the lowest reported in-stream hardness of 219 mg/L).

Water quality data collected during Stage 1 of TMDL development from USEPA STORET and Illinois EPA databases, as well as those made available by USEPA from the Matthiessen and Hegeler Zinc Company Site Remedial Investigation Report, were paired with the corresponding flow for the sampling dates and plotted against the allowable load duration curves. **Figure 7-2** shows the load duration curve developed for zinc in segment DR-01. The load duration curve is depicted as a solid line and the historically observed pollutant loads for zinc as points on each graph.

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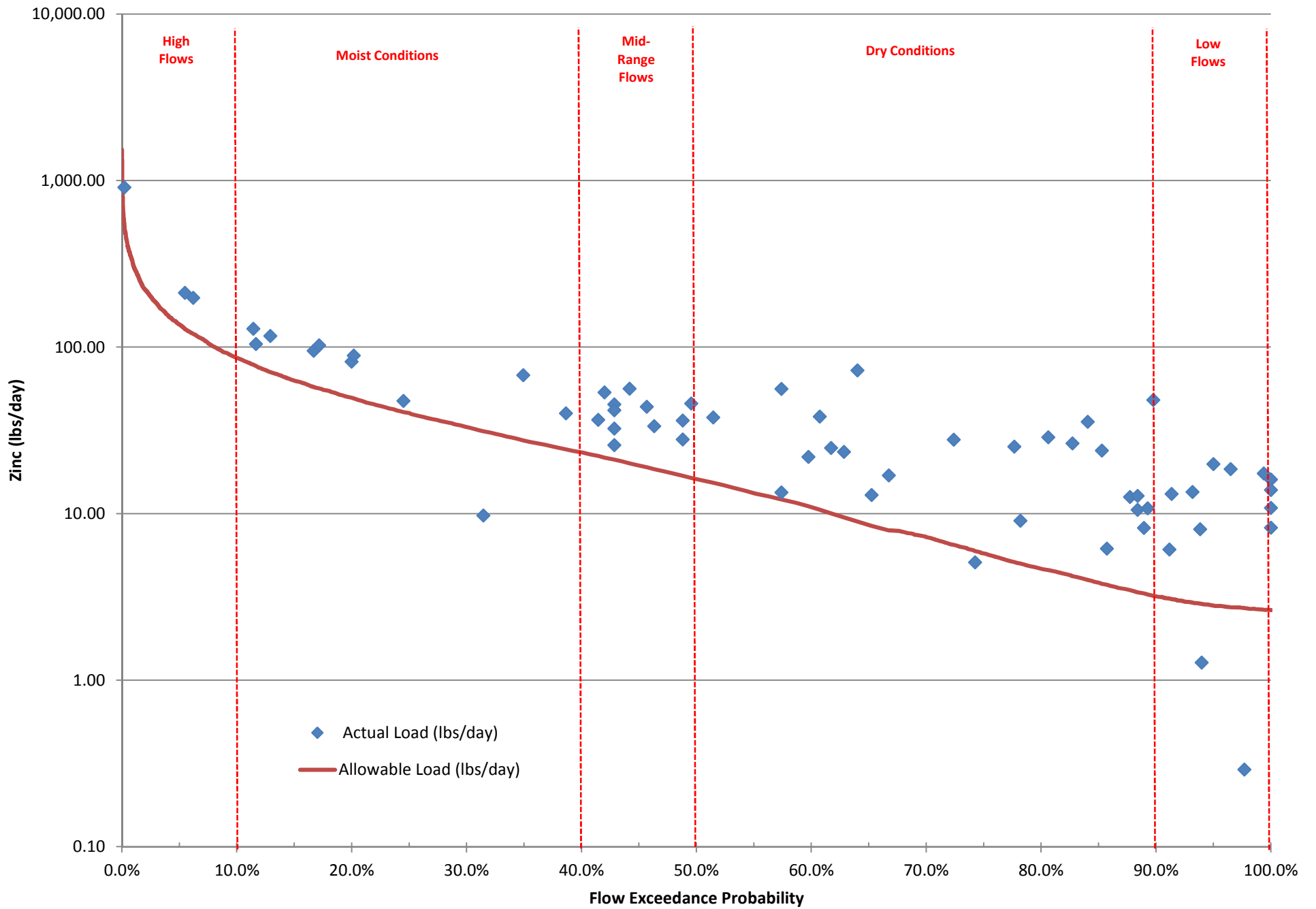


Figure 7-2
 Little Vermilion River DR-01
 Zinc Load Duration Curve

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A relatively robust dataset exists for zinc for this segment, largely as a result of ongoing remediation efforts associated with the Matthiessen and Hegeler Zinc Company Superfund Site located on the west bank of the Little Vermilion River. The load duration curve constructed shows that, based on the lowest calculated chronic standard, potential exceedances for zinc occur for the majority of samples collected under all flow conditions. While the load duration chart uses a conservative estimate of the chronic standard, the results correspond well with the high proportion of exceedances of the chronic standards calculated for each individual sample (53 of 65 samples collected since 1999 exceed the corresponding chronic standard).

The Spreadsheet used for the calculation of the load duration curve for zinc at DR-01 is provided in Appendix D.

7.2.1.3 Chloride in Little Vermilion River Segment DR-01

A load duration curve was developed for chloride in segment DR-01 by determining the percent of days each estimated flow was exceeded, and then multiplying the estimated flows by the water quality standard of 500 mg/L to generate a load duration curve. Chloride data compiled during Stage 1 of TMDL development were supplemented with additional data collected or published since 2013. All available data were then paired with the corresponding flows for the sampling dates and plotted against the flow duration curve **Figure 7-3**.

Two of the 65 samples collected on this segment have exceeded the water quality standard for chloride at segment DR-01. Exceedances occurred under dry conditions in both 2003 and 2005. Of the two reported exceedances, the one reported in 2003 appears to be an anomalously high concentration of 9,880 mg/L that is more than 18 times the second highest concentration, and only other exceedance, reported in the segment of 532 mg/L in 2005. No exceedances were reported in samples collected from 2005-2015. As discussed in Section 6, the majority of chloride data collected in 2012 were not collected in winter months. Because chloride concentrations can spike in response to road salting, a TMDL was completed to provide load capacity information. Appendix D contains the spreadsheet used for the calculation of the load duration curve for chloride at segment DR-01.

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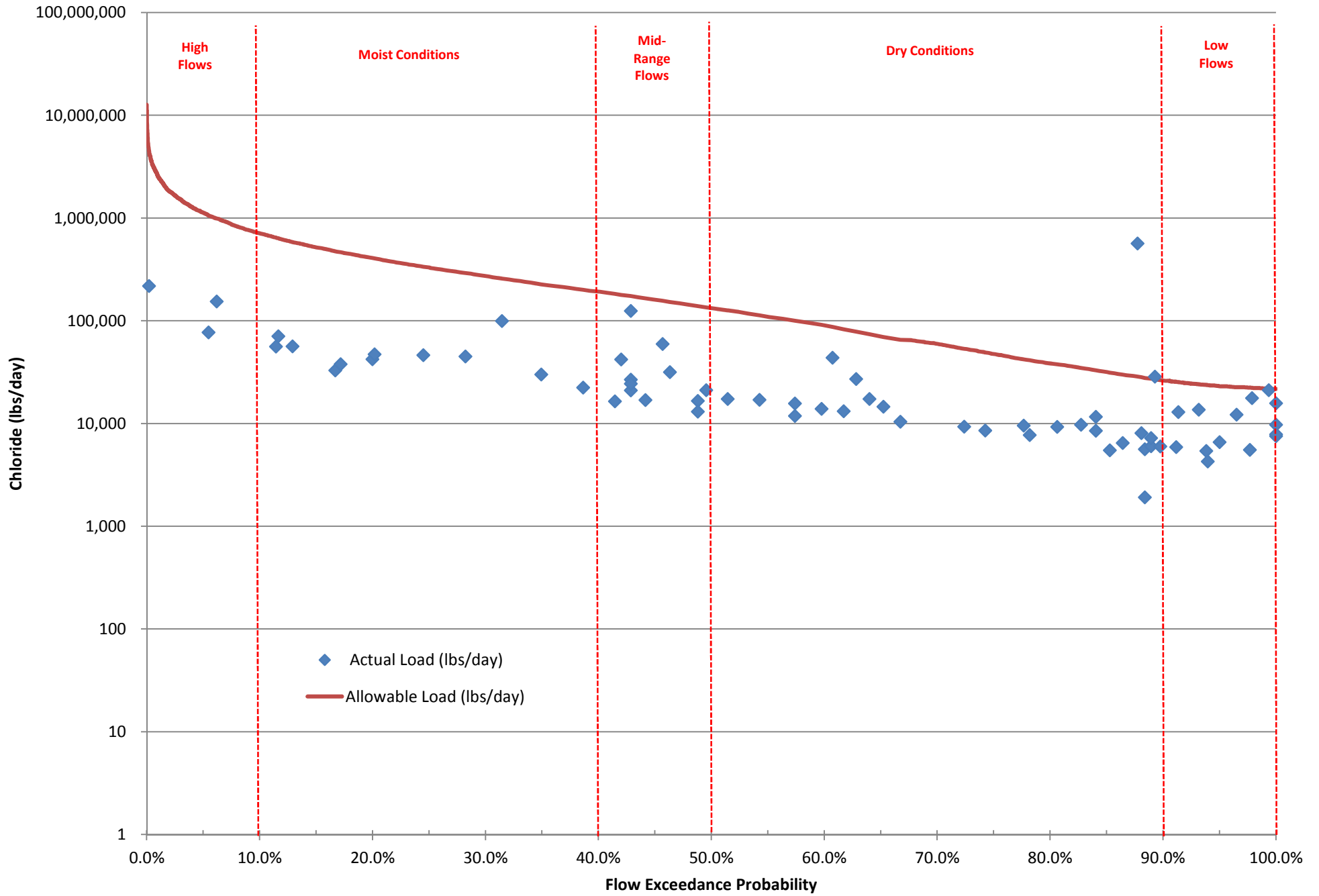


Figure 7-3
 Little Vermilion River DR-01
 Chloride Load Duration Curve

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7.2.1.4 Fecal Coliform in Little Vermilion River Segment DR-01

A load duration curve for fecal coliform in Little Vermilion River segment DR-01 was developed by determining the percent of days each estimated flow was exceeded, and then graphically plotting the results. Because the fecal coliform standard is seasonal and is applicable between the months of May and October, only flows recorded during this time period were used in the analysis. The flows in the duration curve were then multiplied by the chronic water quality standard of 200 cfu/100mL to generate a load duration curve. Fecal coliform data collected between May and October were compiled from data amassed during Stage 1 of TMDL development and additional data collected as part of a Stage 2 data collection effort performed by Illinois EPA in 2015. These data were then paired with the corresponding flows for the sampling dates and plotted against the load duration curve **Figure 7-4**.

Nine of the 30 fecal coliform samples collected in this segment between the months of May and October since 1999 exceed the chronic standard of 200 cfu/100mL. Two of the four samples collected in 2015 as part of Stage 2 of the TMDL process exceeded the 200 cfu/100ml standard. Although the available sample data spanned all flow conditions, the proportion of samples exceeding the allowable load was greater at higher flows. In total, six of the nine exceedances occurred at mid to high flow levels and just one exceedance occurred under the lowest flow conditions. Appendix D contains spreadsheets used for the calculation of the load duration curve for fecal coliform at DR-01.

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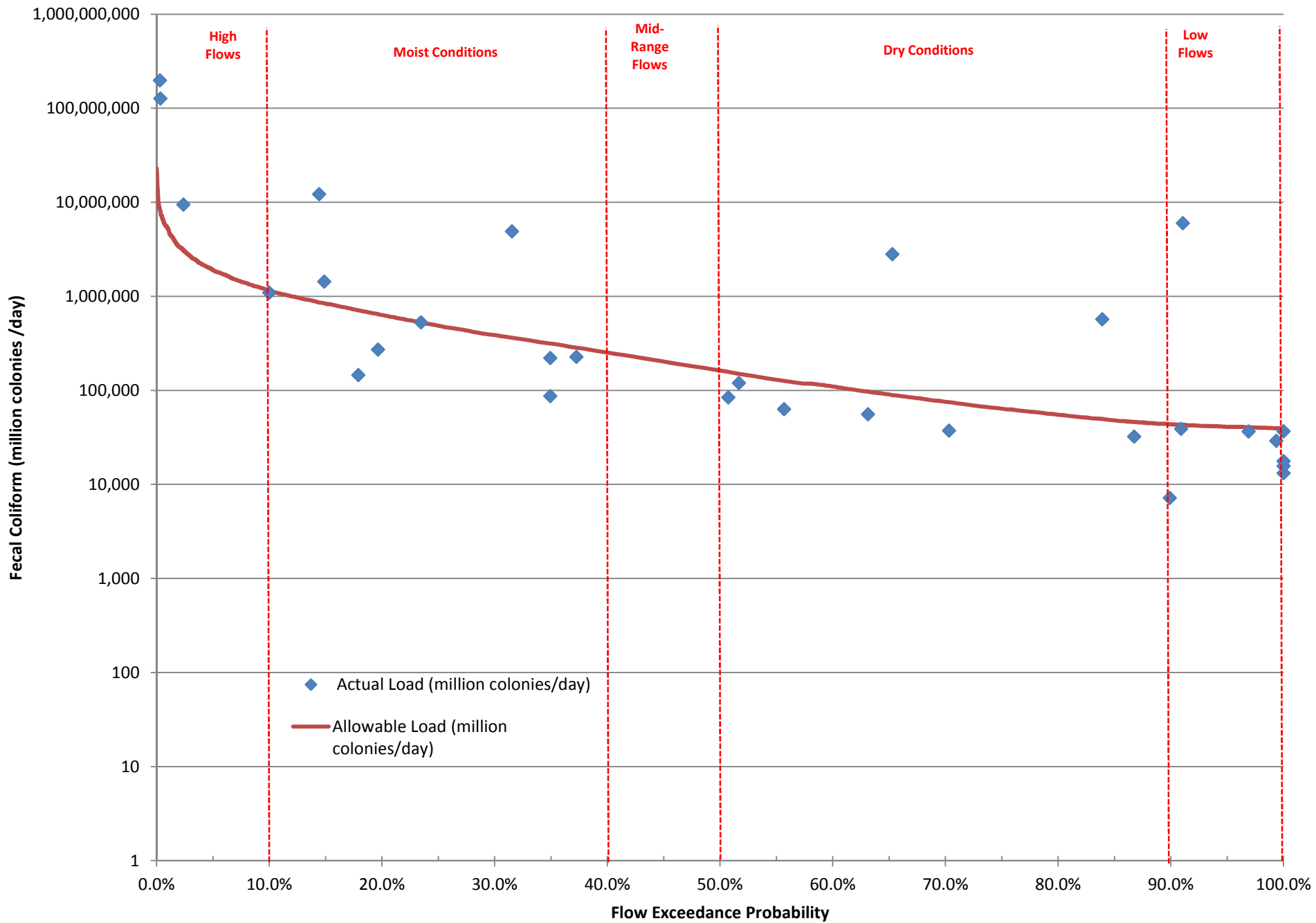


Figure 7-4
 Little Vermilion River DR-01
 Fecal Coliform Duration Curve

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7.2.1.5 TSS in Little Vermilion River Segment DR-01

A load duration curve for TSS was developed for segment DR-01 using Illinois EPA's watershed-specific LRS target value for TSS in streams of 25.3 mg/L. TSS data compiled during Stage 1 of TMDL were paired with the corresponding flows for the sampling dates and plotted against the flow duration curve **Figure 7-5**.

The resulting load duration curve for TSS at segment DR-01 indicates that 24 of the 71 samples collected on this segment represent loads greater than the allowable load established by the LRS target value. Exceedances occur under a full range of flow conditions although exceedances do occur with greater frequency at higher flows. Appendix D contains spreadsheets used for the calculation of the load duration curve for TSS at segment DR-01.

7.2.1.6 Total Phosphorus in Little Vermilion River Segment DR-01 and Mendota Creek (DRD)

Load duration curves were developed to address total phosphorus impairment in Mendota Creek segment DRD and Little Vermilion River segment DR-01. The flows used to develop the load duration curves were multiplied by the LRS target value developed by Illinois EPA for total phosphorus in streams in this watershed to generate a load duration curve representing the allowable load. The LRS target value provided by Illinois EPA for total phosphorus in the Little Vermilion River (LaSalle County) watershed is 0.289 mg/L.

A total of 63 samples for total phosphorus have been collected on segment DR-01 of the Little Vermilion River over a full range of flow conditions. Of these samples, three samples exceed the watershed-specific LRS target value. One sample was collected under high flow conditions (top 0.2% of calculated flow estimates), suggesting significant runoff was occurring and high concentrations of suspended sediment were likely present at the time of sample collection **Figure 7-6**. The remaining two exceedances were collected during low flow conditions.

Historical in-stream phosphorus data for Mendota Creek segment DRD identified during Stage 1 of the TMDL were combined with additional data collected by Illinois EPA during Stage 2 efforts in 2015. In total, 21 of the 26 unique total phosphorus samples in the DRD dataset exceed the target load value, some by a considerably wide margin **Figure 7-7**. While exceedances were common at all flow levels, the greatest proportional exceedances appear to occur in dry and low flow conditions.

Spreadsheets used for the calculation of load duration curves are provided in Appendix D.

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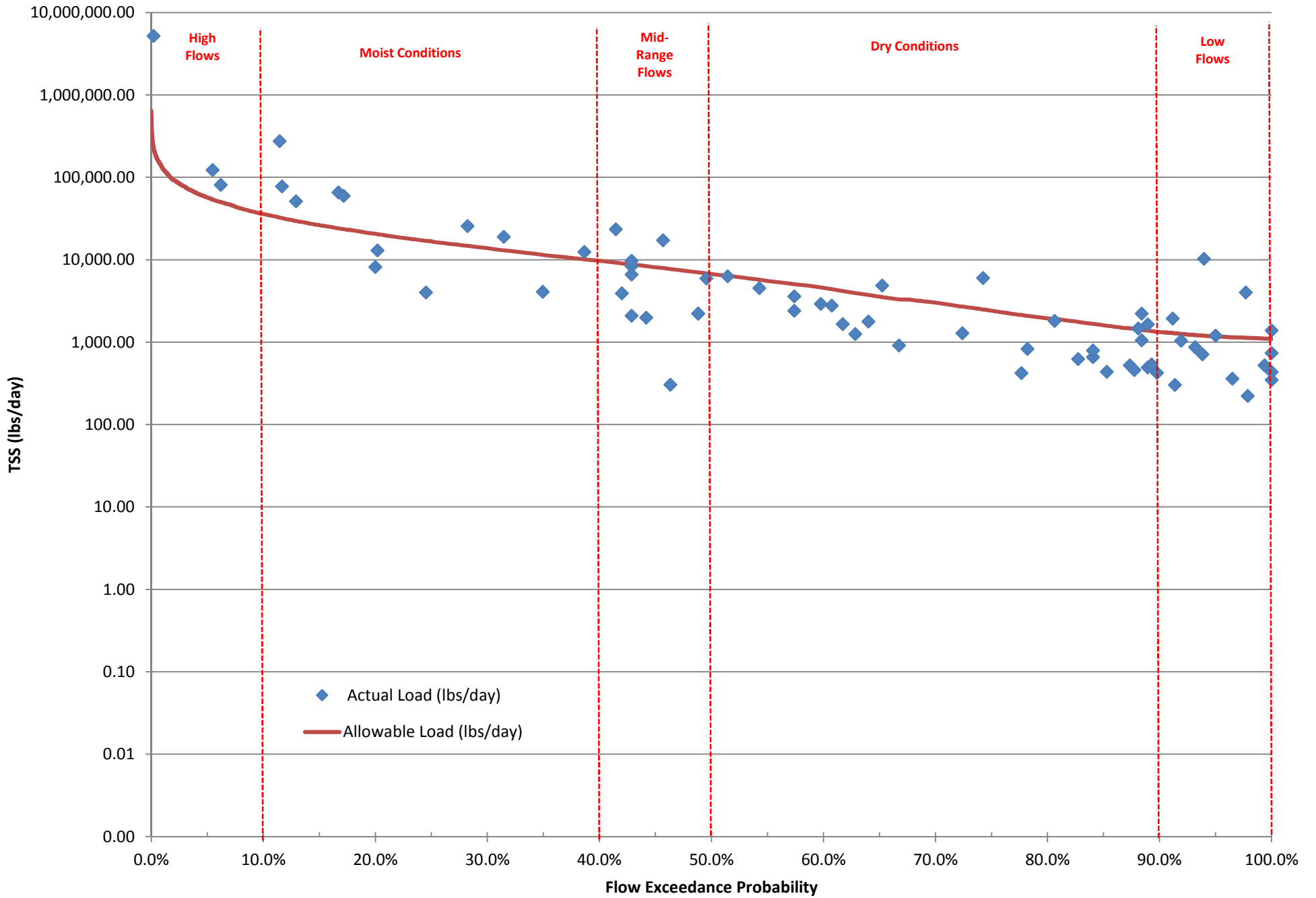


Figure 7-5
 Little Vermilion River DR-01
 TSS Load Duration Curve

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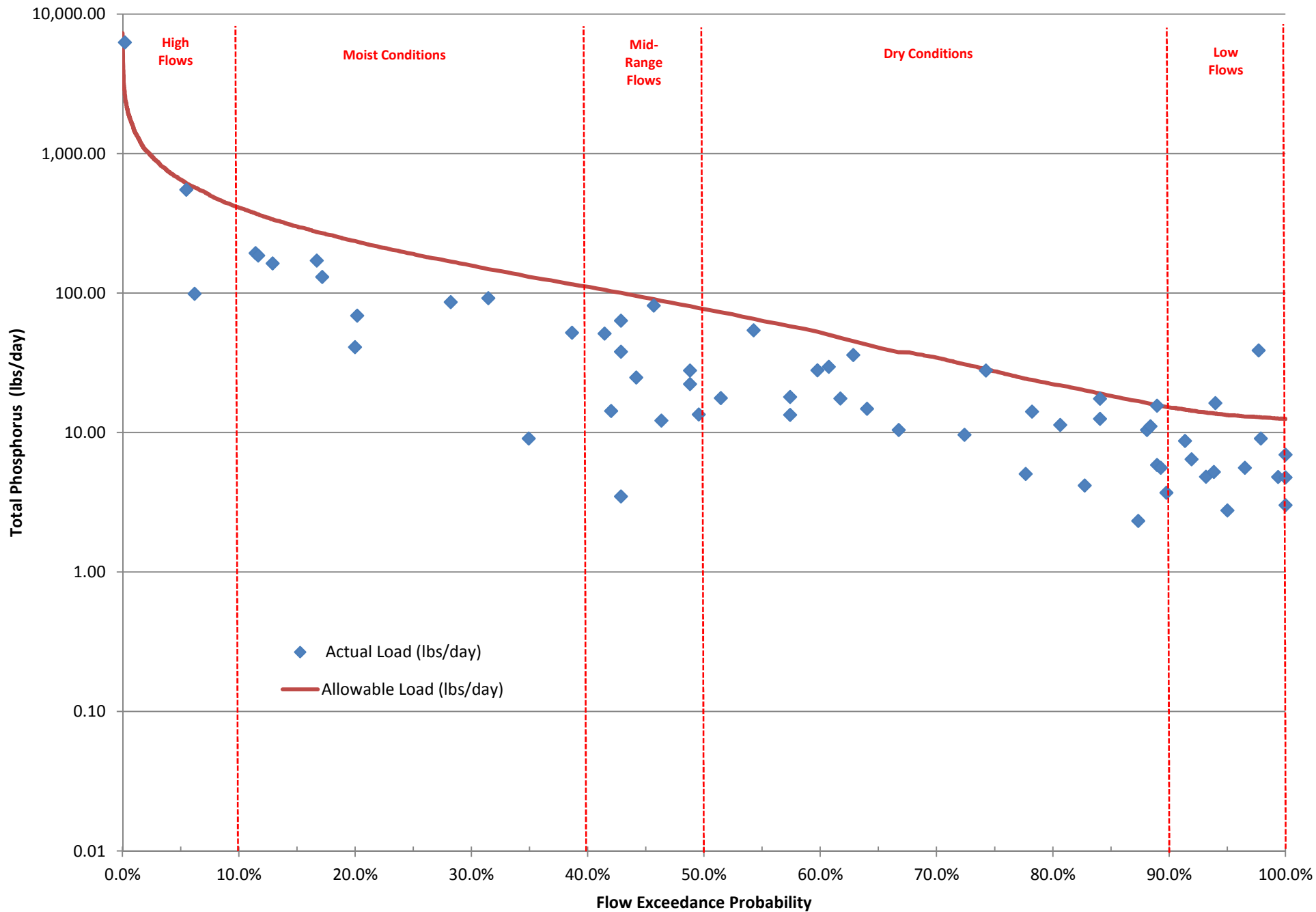


Figure 7-6
 Little Vermilion River DR-01
 Total Phosphorus Load Duration Curve



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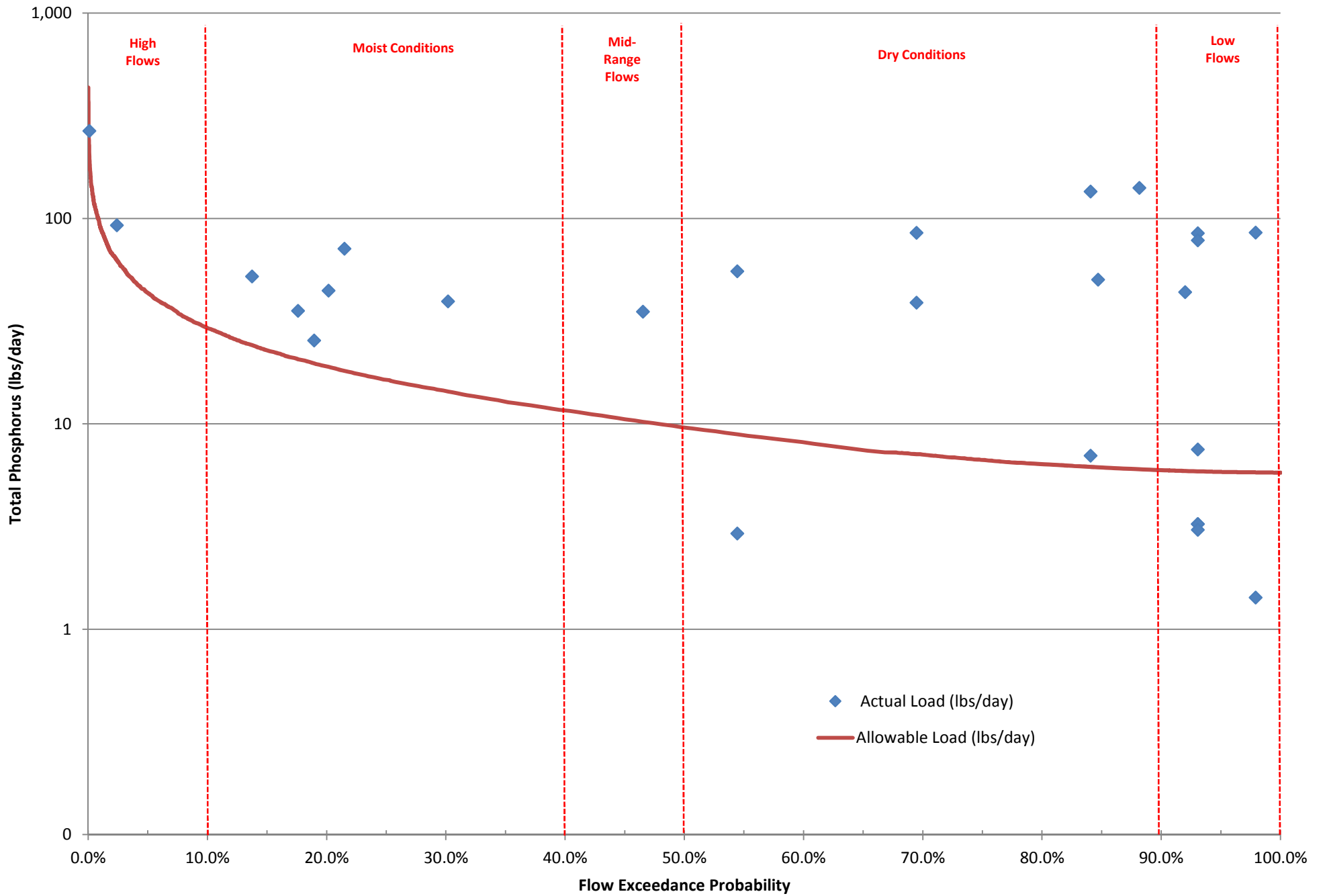


Figure 7-7
Mendota Creek (DRD)
Total Phosphorus Load Duration Curve

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Section 8

Total Maximum Daily Loads for the Little Vermilion River (LaSalle County) Watershed

8.1 TMDL Endpoints for the Little Vermilion River (LaSalle County) Watershed

The TMDL endpoints and LRS target values for impairments in the Little Vermilion River (LaSalle County) watershed are summarized in **Table 8-1**. All of the endpoints listed are based on protection of all designated uses in the impaired stream segments. Parameters with numeric water quality standards (zinc, chloride, fecal coliform, and dissolved oxygen) are assessed via the TMDL process and the TMDL endpoints directly correlate to the lowest applicable water quality standard established for a given parameter. Parameters without numeric water quality standards (TSS and total phosphorus) are assigned a watershed-specific LRS target value by Illinois EPA. These target values are voluntary measures and are intended to serve as planning tools for overall water quality improvement strategies in the watershed.

Table 8-1 TMDL Endpoints and Average Observed Concentrations for Impaired Constituents in the Little Vermilion River (LaSalle County) Watershed

Segment ID	Segment Name	Potential Causes of Impairment	Assessment Type	TMDL Endpoint or Target Value
DR-01	Little Vermilion River	Zinc	TMDL	60.7 µg/L ¹
		Chloride	TMDL	500 mg/L
		Fecal Coliform	TMDL	200 cfu/100 ml
		pH	No TMDL developed ²	
		Total Suspended Solids (TSS)	LRS	25.3 mg/L
		Phosphorus (Total)	LRS	0.289 mg/L
DRD	Mendota Creek	Dissolved Oxygen	No TMDL developed ²	
		Phosphorus (Total)	LRS	0.289 mg/L

¹ WQ standard is hardness dependent, lowest calculated chronic standard shown

² Additional sample collection as part of Stage 2 efforts confirmed that stream segment is no longer impaired for listed parameter and impairment will be submitted for removal from the 303(d) list.

8.2 Pollutant Sources and Linkages

Potential pollutant sources for impaired streams in the Little Vermilion River (LaSalle County) watershed include both point and nonpoint sources as described in Section 5 of this report. The sources identified for each parameter of concern, based on data gathered and documented during Stage 1 and modeling completed in Stage 3, are presented in **Table 8-2**.

Table 8-2 Pollutant Sources for Impaired Water Bodies in Little Vermilion River (LaSalle County) Watershed

Segment ID	Segment Name	Potential Causes of Impairment	Potential Sources (as identified by the 2016 303(d) list, data collection, and stakeholder comments)
DR-01	Little Vermilion River	Chloride	Road De-Icing (Combined Sewer Overflows, Urban Runoff/Storm Sewers)
		Total Phosphorus	Combined Sewer Overflows, Agriculture, Septic Systems
		Zinc	Industrial Land Treatment, Contaminated Sediments/Historical Smelting
		Total Suspended Solids (TSS)	Combined Sewer Overflows, Agriculture (including grazing)
		Fecal Coliform	Combined Sewer Overflows, Urban Runoff/Storm Sewers, Agriculture/Livestock, Septic Systems
DRD	Mendota Creek	Total Phosphorus	Municipal Point Source Discharges, Agriculture, Septic Systems

Load duration curves developed for the zinc and chloride TMDLs and the TSS and total phosphorus LRS assessments are discussed in this section. Load duration curves are useful in that they provide a link between historic sampling values and hydrologic condition. **Table 8-3** shows the example source area relationship to hydrologic condition consideration developed by USEPA.

Table 8-3 Example Source Area/Hydrologic Condition Considerations (USEPA 2007)

Contributing Source Area	Duration Curve Zone				
	High Flow	Moist	Mid-Range	Dry	Low Flow
Point Source				M	H
Onsite Wastewater System			H	M	
Riparian Areas		H	H	H	
Stormwater: Impervious Areas		H	H	H	
Combined sewer overflows	H	H	H		
Stormwater: Upland	H	H	M		
Bank Erosion	H	M			

Note: potential relative importance of source area to contribute loads under given hydrologic conditions (H: High, M: Medium)

Further discussion regarding pollutant sources is provided throughout this section. Implementation activities designed to reduce loading from the potential sources are outlined in Section 9.

8.3 TMDL Allocation

As explained in the Section 1 of this report, the TMDLs for impaired segments in the Little Vermilion River (LaSalle County) watershed will address the following equation:

$$\text{TMDL} = \text{LC} = \Sigma \text{WLA} + \Sigma \text{LA} + \text{MOS} + \text{RC}$$

where: LC = Loading capacity - the maximum amount of pollutant loading a water body can receive without violating water quality standards
 WLA = Waste load allocation - the portion of the TMDL allocated to

- LA = existing or future point sources
- LA = Load allocation – the portion of the TMDL allocated to existing or future nonpoint sources and natural background
- MOS = Margin of safety - an accounting of uncertainty about the relationship between pollutant loads and receiving water quality
- RC = Reserve capacity – the portion of the load explicitly set aside for future population growth and additional development in the watershed

Each of these elements will be discussed in this section as well as consideration of seasonal variation in the TMDL calculation.

8.3.1 TMDL for Total Zinc in the Little Vermilion River (DR-01)

Little Vermilion River segment DR-01 is listed for impairment of the aquatic life use caused by dissolved zinc. Chronic and acute water quality standards developed for dissolved zinc are calculated based on total hardness concentrations in the water body at the time of sample collection (see Section 4.3 of this report). While counts of exceedances are based on sample-specific calculations of acute and chronic standards, the load duration curves developed to determine load reductions needed to meet the standards at varying flow scenarios used the lowest calculated chronic standard based on the available hardness dataset (see Section 7).

8.3.1.1 Loading Capacity

The LC is the maximum amount of dissolved zinc the impaired waterbody segment can receive and still meet the lowest applicable water quality standard for this watershed. For the purpose of TMDL development the lowest calculated chronic standard based on the lowest reported total hardness value in the watershed was used to establish the loading capacity. This represents a conservative measure designed to reduce the potential for overestimation of loading capacity in the stream. The loading capacity over a range of applicable flow values in this segment is presented in **Table 8-4**.

Table 8-4 Dissolved Zinc Loading Capacities under Various Flow Conditions in the Little Vermilion River

Estimated Mean Daily Flow (cfs)	Allowable Load (lbs/day)
1	0.3
5	1.6
10	3.3
50	16
100	33
500	167
1,000	327
2,000	654
5,000	1,636

8.3.1.2 Seasonal Variation

Consideration of seasonality is inherent in the load duration analysis. Because the load duration analysis represents the range of expected stream flows, the TMDL has been calculated to meet the standard during all flow conditions.

There is not one critical flow condition during the year for zinc in this segment. The target value is intended to be met under all flow scenarios. By using the load duration curve method, all of these "critical conditions" are accounted for in the loading allocations.

8.3.1.3 Margin of Safety

The MOS can be implicit (incorporated into the TMDL analysis through conservative assumptions) or explicit (expressed in the TMDL as a portion of the loadings) or a combination of both. The MOS for the zinc TMDL in DR-01 is both implicit, as the analysis used the most conservative calculated chronic standard, and explicit as an additional 10% MOS was included in the TMDL calculations. The explicit MOS of 10 percent is employed to compensate for uncertainty in the TMDLs developed using the load duration curve methodology. This MOS is adequate given that the fundamental calculation of the loading capacity is simply a function of flow multiplied by the target value, an approach which minimizes a great deal of uncertainty inherent to other modeling methodology. Most of the uncertainty is therefore associated with the estimation of flows in the assessed segment calculated by extrapolating flows from a surrogate USGS gage. The methodology employed in estimating watershed flows was discussed in Section 7.4 of this document.

8.3.1.4 Waste Load Allocation

There are seven NPDES permitted discharges, two permitted CSO outfalls, and a small area of roadways covered by the Illinois Department of Transportation (IDOT) MS4 permit within the modeled portion of the Little Vermilion River (LaSalle County) watershed upstream of the DR-01 sampling location (**Table 8-5**). There are currently no permitted effluent limits for zinc at any of the facilities. As a result, DMR data does not include concentrations of zinc in effluent from any of these facilities. The lack of discharge and monitoring requirements indicates that zinc is not considered a parameter of concern for these facilities and loading from these discharges is not expected to be an issue. Therefore, WLAs for dissolved zinc have not been set for each of the facilities. Should Illinois EPA determine that a facility requires zinc limits in the future, limits should be calculated using the water quality standard and the facility's design average/maximum flow.

The contributing land area that is categorized as road surface was calculated to determine a WLA for IDOT within the watershed. Road surface covers 1.1% of the contributing watershed. This percentage of the LA was then converted to a WLA for IDOT during high flow events.

Table 8-5 WLAs for Zinc from Permitted Discharges in the Little Vermilion River (LaSalle County) Watershed

Facility	NPDES Permit Number	Design Average Flow (MGD)	WLA (lbs/Day)
CARUS CORP LASALLE SITE	IL0002623	1.672	n/a ¹
DEL MONTE CORP	IL0003115	0.42	n/a ¹
ILLINOIS CEMENT CO - LASALLE	IL0038296	0.04	n/a ¹
ILLINOIS CEMENT CO - DIMMICK ²	ILG840123	0	n/a ¹
MENDOTA STP, CITY OF	IL0023221	2.4	n/a ¹
RIVERSTONE GROUP-TROY GROVE ²	ILG840049	0	n/a ¹
LASALLE EAST STP	IL0078336	0.5	n/a ¹
LASALLE CSO OUTFALLS 006A and 007	IL0029424	*	n/a ¹
IDOT	ILR400493	**	1.4

¹ Monitoring for zinc is not currently a permit requirement for these facilities.

² Intermittent stormwater discharge under general non-coal mining permit. * CSOs only discharge during extreme precipitation events **IDOT permit is an MS4 permit covering stormwater runoff from roadways

8.3.1.5 Reserve Capacity

A portion of a TMDL's loading capacity may be set as a RC to allow for future population growth and development. In the case of the DR-01 TMDL for zinc, an explicit RC was not included in the TMDL because zinc loads are not expected to increase as population or development increases in the area over time. The primary sources of zinc loading into the Little Vermilion River are runoff and discharges associated with the Matthiessen and Hegeler Zinc Company Superfund Site located on the west bank of the Little Vermilion River. Remediation activities at this site are currently in development through the RCRA process, and once completed, will lead to significant reductions in zinc loading to the Little Vermilion River. As a result, future loads of zinc into the river are expected to be a fraction of past and current loads and additional RC is not appropriate.

8.3.1.6 Load Allocation and TMDL Summary

Table 8-6 shows a summary of the zinc TMDL for Little Vermilion River segment DR-01. An explicit 10% MOS was included. In order to retain the explicit 10% margin of safety, the percent reduction presented below was calculated as the percent reduction in LA. Reductions in zinc loading are necessary under all flow conditions to meet the LC. Required reductions in zinc loads range from 54-90%.

Table 8-6 Zinc TMDL for Little Vermilion River (DR-01)

Zone	Flow Exceedance Range (%)	LC (lbs/day)	LA (lbs/day)	WLA (lbs/day)	Explicit MOS at 10% (lbs/day)	RC (lbs/day)	Actual Load ¹ (lbs/day)	Percent LA Reduction Needed (%)
High	0 - 10	136	121	1.4	13.6	n/a	771	84%
Moist	10 - 20	63	56	0.64	6.3	n/a	122	54%
	20 - 30	39	35	0.40	3.9	n/a	84	59%
	30 - 40	27	24	0.28	2.7	n/a	62	61%
Mid-Range	40 - 50	19	17	0.20	1.9	n/a	52	67%
Dry	50 - 60	13	12	0.00	1.3	n/a	49	76%
	60 - 70	8.2	7.3	0.00	0.82	n/a	54	86%
	70 - 80	5.5	5.0	0.00	0.55	n/a	26	81%
	80 - 90	3.5	3.2	0.00	0.35	n/a	33	90%
Low Flow	90 - 100	2.5	2.2	0.00	0.25	n/a	17	87%

¹ Actual Load was calculated using the 90th percentile of observed zinc concentrations in a given flow range (EPA 2007)

8.3.2 TMDL for Chloride in the Little Vermilion River (DR-01)

Little Vermilion River segment DR-01 is also listed for impairment of the primary aquatic life use caused by chloride. A load duration curve was developed (see Section 7) to determine load reductions needed to meet the instream water quality standards at varying flow scenarios.

8.3.2.1 Target Loading Capacity

The LC for chloride under various flow regimes were determined using watershed-specific flow estimates and the instream standard of 500 mg/L as described in Section 7. The allowable load as a function of flow is presented in Table 8-7.

8.3.2.2 Seasonal Variation

Consideration of seasonality is inherent in the load duration analysis. Because the load duration analysis represents the range of expected stream flows, the TMDL has been calculated to meet the standard during all flow conditions.

Table 8-7 Chloride Loading Capacities under Various Flow Conditions in the Little Vermilion River

Estimated Mean Daily Flow (cfs)	Allowable Load (lbs/day)
1	2,695
5	13,476
10	26,953
50	134,764
100	269,529
500	1,347,643
1,000	2,695,286
5,000	13,476,428

As with the zinc impairment discussed previously, there is not one critical flow condition during the year for chloride in this segment although the highest chloride concentrations are likely to correspond with winter precipitation events when road salting occurs. The target value is intended to be met under all flow scenarios which include times when road salting is likely. By using the load duration curve method, all of these "critical conditions" are accounted for in the loading allocations.

8.3.2.3 Margin of Safety

The MOS for the chloride TMDL in DR-01 is explicitly set at an additional 10% of the LC in the TMDL calculations. Ten percent is generally considered adequate to compensate for any uncertainty in the TMDLs developed using this methodology because the use of the load duration curve approach minimizes a great deal of uncertainty as the calculation of the loading capacity is simply a function of flow multiplied by the target value. Most of the uncertainty is therefore associated with the estimated flows in the assessed segment which were based on extrapolating flows from a surrogate USGS gage. The methodology employed in estimating watershed flows is discussed in Section 7.2 of this document.

8.3.2.4 Waste Load Allocation

Only one of the NPDES permitted entities upstream DR-01 currently has a monitoring requirement for chloride; the Carus Corps LaSalle Site (IL0002623). This facility does not currently have an explicit effluent limit for chloride, but the NPDES permit does include a monitoring requirement for chloride. Therefore, the lowest applicable instream water quality standard of 500 mg/L was used in combination with facility's maximum design flow to assign a WLA for this TMDL calculation. Although the LaSalle CSOs may contribute chloride during discharge events, a WLA of zero was assigned to these outfalls. The allocation of zero is not intended to translate into an immediate requirement for zero discharge, but rather, continued compliance with long term control plans, which are ultimately aimed at future goals for CSO abatement. A summary of WLAs for the chloride TMDL is provided in **Table 8-8**.

The contributing land area that is categorized as road surface was calculated to determine a WLA for IDOT within the watershed. Road surface covers 1.1% of the contributing watershed. This percentage of the LA was then converted to a WLA for IDOT during high flow events.

Table 8-8 WLAs for Chloride from Permitted Discharges in the Little Vermilion River (LaSalle County) Watershed

Facility	NPDES Permit Number	Design Maximum Flow (MGD)	WLA (lbs/day)
ILLINOIS CEMENT CO - DIMMICK ²	ILG840123	0	n/a ¹
CARUS CORP LASALLE SITE	IL0002623	1.672	6,973
DEL MONTE CORP	IL0003115	0.42	n/a ¹
ILLINOIS CEMENT CO - LASALLE	IL0038296	0.04	n/a ¹
MENDOTA STP, CITY OF	IL0023221	4.0	n/a ¹
RIVERSTONE GROUP-TROY GROVE ²	ILG840049	0	n/a ¹
LASALLE EAST STP	IL0078336	1.5	n/a ¹
LASALLE CSO OUTFALLS 006A and 007	IL0029424	*	0*
IDOT	ILR400493	**	11,372

¹ Monitoring for chloride is not currently a permit requirement for these facilities and chloride contribution is assumed to be minimal.

² Intermittent stormwater discharge. * CSOs only discharge during extreme precipitation events and the wasteload allocation of "zero" is not intended to translate into an immediate requirement for zero discharge, but rather, continued compliance with long term control plans. **IDOT permit is an MS4 permit covering stormwater runoff from roadways

8.3.2.5 Reserve Capacity

A portion of a TMDL's LC can be set as a RC to allow for future population growth and development. An explicit RC was not included in the TMDL for chloride on this segment because the primary sources of chloride loading into the Little Vermilion River are not expected to significantly increase in the near future as a result of projected of land use and population changes in the area.

8.3.2.6 Load Allocation and TMDL Summary

Table 8-9 shows a summary of the chloride TMDL for Little Vermilion River segment DR-01. In order to retain the explicit 10% margin of safety, the percent reduction presented below was calculated as the percent reduction in LA. Reductions in chloride loads are necessary during low flow conditions. Required reductions in chloride loads range from 8-24% of the available LA.

Table 8-9 Chloride TMDL for Little Vermilion River (DR-01)

Zone	Flow Exceedance Range (%)	LC (lbs/day)	LA (lbs/day)	WLA (lbs/day)	MOS	RC (lbs/day)	Actual Load ¹ (lbs/day)	Percent LA Reduction Needed (%)
High	0 - 10	1,120,041	989,693	18,344	112,004	n/a	204,992	0%
Moist	10 - 20	518,565	454,514	12,195	51,857	n/a	63,638	0%
	20 - 30	326,790	283,877	10,234	32,679	n/a	47,139	0%
	30 - 40	226,544	194,680	9,210	22,654	n/a	85,797	0%
Mid-Range	40 - 50	161,166	136,508	8,541	16,117	n/a	57,843	0%
Dry	50 - 60	108,864	91,005	6,973	10,886	n/a	17,214	0%
	60 - 70	69,637	55,701	6,973	6,964	n/a	35,410	0%
	70 - 80	47,845	36,088	6,973	4,784	n/a	9,466	0%
	80 - 90	31,718	21,574	6,973	3,172	n/a	23,540	8%
Low Flow	90 - 100	23,045	13,768	6,973	2,304	n/a	18,020	24%

¹ Actual Load was calculated using the 90th percentile of observed chloride concentrations in a given flow range (EPA 2007)

8.3.3 TMDL for Fecal Coliform in the Little Vermilion River (DR-01)

Little Vermilion River segment DR-01 is listed for impairment of the primary contact recreation use caused by fecal coliform bacteria. A load duration curve was developed (see Section 7) to determine load reductions needed to meet the instream water quality standards at varying flow scenarios.

8.3.3.1 Target Loading Capacity

The LC is the maximum amount of fecal coliform bacteria the impaired waters can receive and still meet the lowest applicable water quality standard for this watershed. The allowable fecal coliform loads that can be generated in the watershed and still maintain the geometric mean chronic standard of 200 cfu/100mL were determined with the methodology discussed in Section 7. The fecal coliform loading capacity according to flow is presented in **Table 8-10**.

8.3.3.2 Seasonal Variation

Consideration of seasonality is inherent in the load duration analysis. Because the load duration analysis represents the range of expected stream flows, the TMDL has been calculated to meet the standard during all flow conditions.

The critical period for fecal coliform is the primary contact recreation season which is May through October each year. There is no one critical flow condition during the recreation season. The fecal coliform standard must be met under all flow scenarios and standard exceedances have occurred during the majority of flow scenarios. By

Table 8-10 Fecal Coliform Loading Capacities under Various Flow Conditions in the Little Vermilion River

Estimated Mean Daily Flow (cfs)	Allowable Load (million colonies/day)
1	4,894
5	24,466
10	48,932
50	244,663
100	489,332
500	2,446,689
1,000	4,893,434
5,000	24,467,455

using the load duration curve method, all of these "critical conditions" are accounted for in the loading allocations.

8.3.3.3 Margin of Safety

The MOS can be implicit (incorporated into the TMDL analysis through conservative assumptions) or explicit (expressed in the TMDL as a portion of the loadings) or a combination of both. The MOS for the DR-01 TMDL is implicit as the analysis used the more conservative 200 cfu/100mL chronic standard for developing the loading capacity as opposed to the single-sample, acute maximum standard of 400 cfu/100mL. In addition, the TMDL does not account for die-off of bacteria which occurs at an unquantified rate as bacteria move downstream in the system.

8.3.3.4 Waste Load Allocation

There are seven NPDES permitted discharges and two permitted CSO outfalls within the modeled portion of the Little Vermilion River (LaSalle County) watershed upstream of the DR-01 sampling location in addition to two CSO outfalls for the City of LaSalle - South Plant (IL0029424 outfalls 006 and 007). The LaSalle WWTP's main outfall discharges to the Illinois River below the Little Vermilion River (LaSalle County) watershed. CSO discharges occur only during extreme wet weather, when receiving water flows are high. For this TMDL study, CSO wasteload allocations for fecal coliform are set at zero. The allocation of zero is not intended to translate into an immediate requirement for zero discharge, but rather are aimed at long-term goals for CSO abatement. The only other permitted facilities with potential to discharge significant quantities of fecal coliform bacteria are the City of Mendota's POTW and the LaSalle East STP.

The Mendota POTW currently has a daily maximum permit limit for fecal coliform of 400 cfu/100ml. However, the 200 cfu/100ml (based on the geometric mean) is the most restrictive applicable standard and was therefore the target used to assign WLAs this facility. All POTW facilities in Illinois are currently being assigned effluent limits based on the 200 cfu/100ml standard upon permit renewal. The permit limit for the LaSalle East STP is 200 cfu/100ml and was used for this TMDL. The WLA for this assessment was determined to be 21,955 million colonies/day using the DAF and 47,696 million colonies/day when calculated using the facility's DMF. A summary of WLA for this fecal coliform TMDL is shown in **Table 8-11**.

Table 8-11 WLAs for Fecal Coliform from Permitted Discharges in the Little Vermilion River (LaSalle County) Watershed

Facility	NPDES Permit Number	Design Average Flow (MGD)	Design Maximum Flow (MGD)	WLA at DAF (mil col/day)	WLA at DMF (lbs/Day)
ILLINOIS CEMENT CO – DIMMICK ¹	ILG840123	0	0	n/a ²	n/a ²
CARUS CORP LASALLE SITE	IL0002623	1.67	1.67	n/a ²	n/a ²
DEL MONTE CORP	IL0003115	0.42	0.42	n/a ²	n/a ²
ILLINOIS CEMENT CO - LASALLE	IL0038296	0.04	0.04	n/a ²	n/a ²
MENDOTA STP, CITY OF	IL0023221	2.4	4.8	18,170	36,340
RIVERSTONE GROUP-TROY GROVE ¹	ILG840049	0	0	n/a ²	n/a ²
LASALLE EAST STP	IL0078336	0.5	1.5	3,785	11,356
LASALLE CSO OUTFALLS 006A and 007	IL0029424	*	*	0*	0*

¹ Intermittent stormwater discharge. ² Monitoring for bacteria is not currently a permit requirement for these industrial facilities. * CSOs only discharge during extreme precipitation events and the allocation of zero is not intended to translate into an immediate requirement for zero discharge, but rather, continued compliance with long term control plans

8.3.3.5 Reserve Capacity

No Reserve Capacity was included in the TMDL. Large future growth is not anticipated in the area, however, because the WLA is set at the water quality standard, a future TMDL modification would be easily calculated.

8.3.3.6 Load Allocation and TMDL Summary

Table 8-12 shows a summary of the fecal coliform TMDL for Little Vermilion River segment DR-01. Significant reductions in fecal coliform loading from non-point sources are required to meet the water quality standard under both high and low flow conditions suggesting that fecal coliform loads in the watershed originate from a variety of sources.

Due to existing permit limits currently in place to minimize domestic wastewater loading of fecal coliform in the watershed, the percent reduction presented below assumes no change to NPDES permit limits and is calculated as the percent reduction in LA.

Table 8-12 Fecal Coliform TMDL for Little Vermilion River (DR-01)

Zone	Flow Exceedance Range (%)	LC (mil. Col./day)	LA (mil. Col./day)	WLA (mil. Col./day)	MOS	RC (mil. Col./day)	Actual Load ¹ (mil. Col./day)	Percent LA Reduction Needed (%)
High	0 - 10	1,906,400	1,858,704	47,696	Implicit	0	184,062,854	99%
Moist	10 - 20	834,114	786,418	47,696	Implicit	0	7,855,762	90%
	20 - 30	485,917	438,221	47,696	Implicit	0	525,485	17%
	30 - 40	311,819	264,123	47,696	Implicit	0	3,462,629	92%
Mid-Range	40 - 50	201,029	179,074	21,955	Implicit	0	no data	--
Dry	50 - 60	129,807	107,852	21,955	Implicit	0	109,636	2%
	60 - 70	85,492	63,537	21,955	Implicit	0	2,406,576	97%
	70 - 80	58,585	36,630	21,955	Implicit	0	35,228	0%
	80 - 90	43,550	21,595	21,955	Implicit	0	421,049	95%
Low Flow	90 - 100	36,428	14,473	21,955	Implicit	0	1,637,479	99%

¹ Actual Load was calculated using the 90th percentile of observed fecal coliform concentrations in a given flow range (EPA 2007)

8.3.4 LRS for TSS in Streams

Little Vermilion segment DR-01 is listed for impairment of the aquatic life use caused by excess TSS. As no numeric water quality standard exists for TSS in streams in Illinois, a watershed-specific numeric target value of 25.3 mg/L of TSS was developed by Illinois EPA for incorporation into the LRS calculation. A load duration curve was developed to determine load reductions needed to meet the instream water quality target during varying flow scenarios.

8.3.4.1 Target Loading Capacity

The LC is the maximum amount of suspended solids the impaired segment can receive and still meet the LRS target value for this watershed. The allowable TSS loads that may be generated in the watershed were determined using estimated flow conditions and the numeric LRS target, as discussed in Section 7. The TSS loading capacities as a function of flow are presented in **Table 8-13**.

8.3.4.2 Seasonal Variation

Consideration of seasonality is inherent in the load duration analysis. Because the load duration analysis represents the range of expected stream flows, the LRS has been calculated to meet the target during all flow conditions.

Table 8-13 TSS Loading Capacities in Streams under Various Flow Conditions in the Little Vermilion River (LaSalle County) Watershed

Estimated Mean Daily Flow (cfs)	Target Load Capacity (lbs/day of TSS)
1	136
5	682
10	1,364
50	6,819
100	13,638
500	68,191
1,000	136,381
5,000	681,907

There is not one critical flow condition during the year for TSS in the Little Vermilion River. The target value is intended to be met under all flow scenarios. By using the load duration curve method, all of these "critical conditions" are accounted for in the loading allocations.

8.3.4.3 Percent Reduction and LRS Summary

Table 8-14 provides a summary of the percent reductions from current conditions needed to meet the LRS target under various flow conditions for the impaired segment of the Little Vermilion River. Instream TSS loads in this reach exceed the target under a broad range of flow conditions. Required reductions are greatest at the highest flow categories. Overall TSS load reduction needs range from 9-99%.

Table 8-14 LRS Targets for TSS in Little Vermilion River Segment DR-01

Zone	Flow Exceedance Range (%)	Target Loading Capacity (lbs/day)	Actual Load ¹ (lbs/day)	Percent Reduction Needed (%)
High	0 - 10	56,674	4,185,613	99%
Moist	10-20	26,239	176,833	85%
	20 - 30	16,536	23,145	29%
	30 - 40	11,463	17,702	35%
Mid-range	40 - 50	8,155	16,500	51%
	50 - 60	5,509	5,601	2%
Dry	60 - 70	3,524	3,830	8%
	70 - 80	2,421	4,583	47%
	80 - 90	1,605	1,763	9%
Low Flow	90 - 100	1,166	4,023	71%

¹ Actual Load was calculated using the 90th percentile of observed TSS concentrations in a given flow range (EPA 2007)

8.3.5 LRS for Total Phosphorus in Streams

Mendota Creek (DRD) and Little Vermilion segment DR-01 are listed for impairment of the aquatic life use caused by excess total phosphorus. As no numeric water quality standard exists for total phosphorus in streams in Illinois, a watershed-specific numeric target value of 0.289 mg/L was developed by Illinois EPA for use in LRS calculations for total phosphorus in these segments. Load duration curves were developed (see Section 7) to determine load reductions needed to meet the instream water quality target at varying flow scenarios.

Table 8-15 Total Phosphorus Loading Capacities in Streams under Various Flow Conditions in the Little Vermilion River (LaSalle County) Watershed

Estimated Mean Daily Flow (cfs)	Target Load Capacity (lbs/day of Total Phosphorus)
1	1.6
5	7.8
10	16
50	78
100	156
500	779
1,000	1,558
5,000	7,789

8.3.5.1 Target Loading Capacity

The LC is the maximum amount of total phosphorus the impaired waters can receive and still meet the LRS target value for this watershed. The allowable phosphorus loads that may be

generated in the watershed were determined using estimated flow conditions and the numeric LRS target, as discussed in Section 7. The total phosphorus loading capacity according to flow is presented in **Table 8-15**.

8.3.5.2 Seasonal Variation

Consideration of seasonality is inherent in the load duration analysis. Because the load duration analysis represents the range of expected stream flows, the LRS has been calculated to meet the target during all flow conditions.

There is not one critical flow condition during the year for total phosphorus. The target value is intended to be met under all flow scenarios. By using the load duration curve method, all of these "critical conditions" are accounted for in the loading allocations.

8.3.5.3 Percent Reduction and LRS Summary

Tables 8-16 and **8-17** provide a summary of percent reductions from current conditions needed to meet the LRS target under various flow conditions for the impaired segments of Mendota Creek and the Little Vermilion River, respectively. Instream phosphorus loads in Mendota Creek exceed the target value during all flow conditions for which data are available. Based on the available data, overall reduction needs range from 53-96%.

Table 8-16 LRS Targets for Total Phosphorus in Mendota Creek (DRD)

Zone	Flow Exceedance Range (%)	Target Loading Capacity (lbs/day)	Actual Load ¹ (lbs/day)	Percent Reduction Needed (%)
High	0 - 10	43	250	83%
Moist	10 - 20	23	49	53%
	20 - 30	16	69	76%
	30 - 40	13	39	68%
Mid-Range	40 - 50	11	35	70%
Dry	50 - 60	8.8	50	83%
	60 - 70	7.4	81	91%
	70 - 80	6.7	no data	-
	80 - 90	6.1	139	96%
Low Flow	90 - 100	5.8	85	93%

¹ Actual Load was calculated using the 90th percentile of observed concentrations in a given flow range (EPA 2007).

The available dataset for total phosphorus in segment DR-01 of the Little Vermilion River includes samples collected over a wide range of flow conditions in the river. One sample collected during a period of high flow and two samples collected during low flows exceed the target value. Based on the LRS target calculations, a reduction of total phosphorus loads of approximately 87% is needed for segment DR-01 to meet the watershed-specific LRS target value during the highest flow conditions **Table 8-17**. A reduction of approximately 28% is needed during low flow conditions.

Table 8-17 LRS Targets for Total Phosphorus in Little Vermilion River Segment DR-01

Zone	Flow Exceedance Range (%)	Target Loading Capacity (lbs/day)	Actual Load ¹ (lbs/day)	Percent Reduction Needed (%)
High	0 - 10	647	5,138	87%
Moist	10 - 20	300	190	0%
	20 - 30	189	85	0%
	30 - 40	131	84	0%
Mid-Range	40 - 50	93	63	0%
Dry	50 - 60	63	44	0%
	60 - 70	40	33	0%
	70 - 80	28	24	0%
	80 - 90	18.3	15.6	0%
Low Flow	90 - 100	13.3	18.5	28%

¹ Actual Load was calculated using the 90th percentile of observed TSS concentrations in a given flow range (EPA 2007)

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Section 9

Implementation Plan for the Little Vermilion River (LaSalle County) Watershed

9.1 Implementation Overview

The goal of this watershed plan is to identify BMPs to be implemented in the Little Vermilion River (LaSalle County) watershed that will provide reasonable assurance that impaired waters in the watershed will meet water quality criteria developed to ensure waterbodies are able to support their designated uses.

The USEPA has identified nine minimum elements that a watershed plan for impaired waters is expected to include. These components are:

1. Identify causes and sources of pollution that will need to be controlled to achieve the pollutant load reduction requirements estimated within the watershed plan.
2. Estimate pollutant load reductions expected as a result of implementing the management measures described in #3 below.
3. Describe the nonpoint source management measures that will need to be implemented to achieve load reduction estimates and identify the critical areas where measures need to be implemented.
4. Estimate the level of technical assistance, associated costs, potential funding sources and parties that will be relied upon to implement the prescribed measures.
5. Include a public information/education component designed to change social behavior.
6. Develop an implementation schedule for the plan.
7. Develop a description of interim, measureable milestones.
8. Identify indicators that can be used to determine whether pollutant loading reductions are being achieved over time.
9. Develop a monitoring component to evaluate the effectiveness of the implementation efforts over time.

For Element 1, the causes and sources of pollution were described in Section 5 of this report.

9.2 Adaptive Management

An adaptive management or phased approach is recommended for the implementation of management practices designed to meet the TMDLs and LRSs developed for the Little Vermilion

River (LaSalle County) watershed. Adaptive management conforms to the USEPA guidelines outlined above because it is a systematic process for continually improving management policies and practices through learning from the outcomes of operational programs. Some of the defining characteristics of adaptive management include:

- Acknowledgement of uncertainty about what policy or practice is "best" for the particular management issue
- Thoughtful selection of the policies or practices to be applied (the assessment and design stages of the cycle)
- Careful implementation of a plan of action designed to reveal the critical knowledge that is currently lacking
- Monitoring of key response indicators
- Analysis of the management outcomes in consideration of the original objectives and incorporation of the results into future decisions (British Columbia Ministry of Forests 2000)

Implementation actions, point source controls, management measures, and/or BMPs are used to control the generation or distribution of pollutants within a watershed. BMPs are either structural, such as wetlands, sediment basins, fencing, or filter strips; or managerial, such as conservation tillage practices, nutrient management plans, or crop rotation. Both structural and managerial BMPs require effective management to be successful in reducing pollutant loading to water resources (Osmond et al. 1995).

It is typically most effective to install a combination of point source controls and BMPs or a BMP system. A BMP system is a combination of two or more individual BMPs that are used to control pollutants from a single critical source. If the watershed has more than one identified pollutant, but the transport mechanism is the same, a BMP system that establishes controls for the transport mechanism can be employed (Osmond et al. 1995).

To assist in development of an adaptive management program, implementation actions, management measures, available assistance programs, and recommended continued monitoring are all discussed throughout the remainder of this section. The point source BMPs described below are generally required and typically already being implemented although some modifications may be appropriate. The nonpoint source BMPs are entirely voluntary based on the landowner's preference.

9.3 BMP Recommendations for Reducing Fecal Coliform in Streams in the Little Vermilion River (LaSalle County) Watershed

Results for nearly 80% of the fecal coliform single samples were above the 200 cfu per 100 mL geometric mean water quality standard and approximately 57% of the samples exceeded 400 cfu per 100 mL maximum standard (as indicated in **Table 5-3**). Loading calculations discussed in

Section 7.2.1.4 indicate that exceedances were reported under all flow conditions. Potential sources of fecal coliform include wastewater treatment plant and/or failed septic system discharges/leaks, MS4 discharges, general non-point source runoff, and animal-related runoff (as discussed in Section 5 of this report). Animal impacts often consist of livestock, where present, but may also include other animals such as resident and migratory waterfowl and other wildlife such as deer.

9.3.1 NPDES Permitted Point Sources of Fecal Coliform

Table 5-8 of this report listed the NPDES permitted point sources and CSO outfalls present within and upstream of the Little Vermilion River (LaSalle County) watershed. In general, domestic wastewater treatment facilities have the potential to contribute fecal coliform to receiving waters while industrial facilities do not. The domestic wastewater treatment facilities in the watershed include the Mendota STP (IL0023221), the LaSalle East STP (IL0078336), and two CSO outfalls associated with the LaSalle WWTP (IL0029424). Both the Mendota STP and LaSalle East STP have fecal coliform limits in their permits.

The two CSO outfalls (outfalls 006A and 007 under permit IL0029424 for the LaSalle WWTP) located upstream of the monitoring site on the Little Vermilion River discharge in response to extreme weather events. When these events occur, it is likely that the CSO outfalls contribute fecal coliform to the receiving water. The outfalls were assigned zero for the WLA because the State of Illinois has a Long-Term Control Plan (LTCP) for eliminating CSO discharges. As the permittee works with the state towards CSO abatement, this source of fecal coliform will be eliminated.

Average daily discharge rates for permitted wastewater treatment plants and other facilities discharging into the Little Vermilion River (LaSalle County) watershed are shown in **Table 8-10**. WLAs for fecal coliform were calculated for each facility based on the 200 cfu/100ml geometric mean water quality standard and the facility's design average and design maximum flows (DAFs and DMFs, respectively). The TMDL uses the WLA calculated using the DMFs for high flow conditions and the DAFs under dry to midrange flow conditions.

9.3.2 Nonpoint Sources of Fecal Coliform

Several BMPs have been identified to help reduce fecal coliform counts in the impaired segments of the Little Vermilion River (LaSalle County) watershed. These management options focus on the most likely sources of fecal coliform within the basin. These include reduction of soil loss associated with agricultural runoff. Soil erosion is the process of moving soil particles or sediment by flowing water or wind. Additionally, eroding soil transports pollutants, including fecal coliform, that can potentially degrade water quality. Additional sources of nonpoint source fecal coliform include septic systems, and livestock. As noted in Section 2.3, approximately 75 percent of the watershed is agricultural in nature.

Filter Strips: Filter strips are strips or areas of permanent herbaceous vegetation situated between cropland, grazing land, or disturbed land and environmentally sensitive areas, such as waterways. Filter strips serve as controls to reduce sediment, particulate organic matter, and sediment-absorbed contaminant and pollutant loading in runoff. The filter strips are permanently designated plantings to treat runoff and are not part of an adjacent cropland's rotation. Grass

filter strips have been shown to remove as much as 65 percent of sediment from runoff (USEPA 2003).

The filter strip vegetation may consist of a single species or a mixture of grasses, legumes, and/or other forbs that are appropriately adapted to the soil and climate, as well as to the farm chemicals used in the adjacent land. Approved seed listings are provided in the Illinois NRCS Conservation Practice Standard (CPS) 393 (June 2003). Applicable maintenance shall be performed as needed to ensure the strips continue to function properly, including removal of state-listed noxious weeds, gully repair, removal of excess sediment, and re-seeding. Overland flow entering the filter strip should be primarily sheet flow; areas of concentrated flow should be dispersed as part of the maintenance activities so as not to circumvent the filter strip. Harvesting of the filter strip vegetation, where appropriate, will help to encourage dense growth, maintain an upright growth habit, and remove contaminants and unwanted nutrients contained in the plant tissue. Prescribed burning may be used to manage and maintain the filter strip when an approved burn plan has been developed.

The installation of filter strips adjacent to the impaired stream segments, as well as any contributing tributaries, can result in considerable reduction of overland contributions of sediments and suspended solids to an impaired waterbody. Filter strips implemented along stream segments slow and filter runoff and provide bank stabilization thereby decreasing erosion and re-sedimentation; however, they should not be installed on unstable channel banks already eroding due to undercutting of the bank toe. In some cases, riparian vegetation also provides bank stability that further reduces sediment loading to the stream. When used in support of a riparian forest buffer, filter strips can also restore or maintain sheet flow.

The Illinois NRCS Conservation Practice Standard 393 (June 2003) describes filter strip requirements based on land slope; the requirements are designed to achieve a minimum flow through time of 15 to 30 minutes at a one-half inch depth. **Table 9-1** provides a summary of the guidance for filter strip width, or flow length, as a function of slope (NRCS 1996).

Table 9-1 Filter Strip Flow Lengths Based on Land Slope

Percent Slope	0.5%	1.0%	2.0%	3.0%	4.0%	5.0% or greater
Minimum (feet)	36	54	72	90	108	117
Maximum (feet)	72	108	144	180	216	234

GIS land use and topographic data, described in Section 2 of this report, were used in conjunction with soil slope data to provide an estimate of acreage where filter strips could be installed. As discussed in Section 2.4.1, a total of 128 soil types exist within the watershed. The three most common types show 0-2 percent slopes suggesting that the maximum values associated with 2 percent or less slopes could be used for this analysis; however, there does still remain some considerable variability in soil type and corresponding slope values across the watershed.

In conjunction with the available land use, topography, and soil information discussed in Section 2, mapping software was used to buffer impaired stream segments, and their major tributaries, to determine the total area found within the appropriate footages of the stream segments. Due to the wide range of soil types and slopes found in the watershed, the appropriate buffer widths were estimated in GIS based on the average slope of land within the maximum buffer areas of

each impaired segment's major tributaries. These average slopes were then used to calculate approximate buffer distances based on the NRCS guidance using a best-fit equation to interpolate between the slope percentages to buffer width relationships provided in the NRCS guidance.

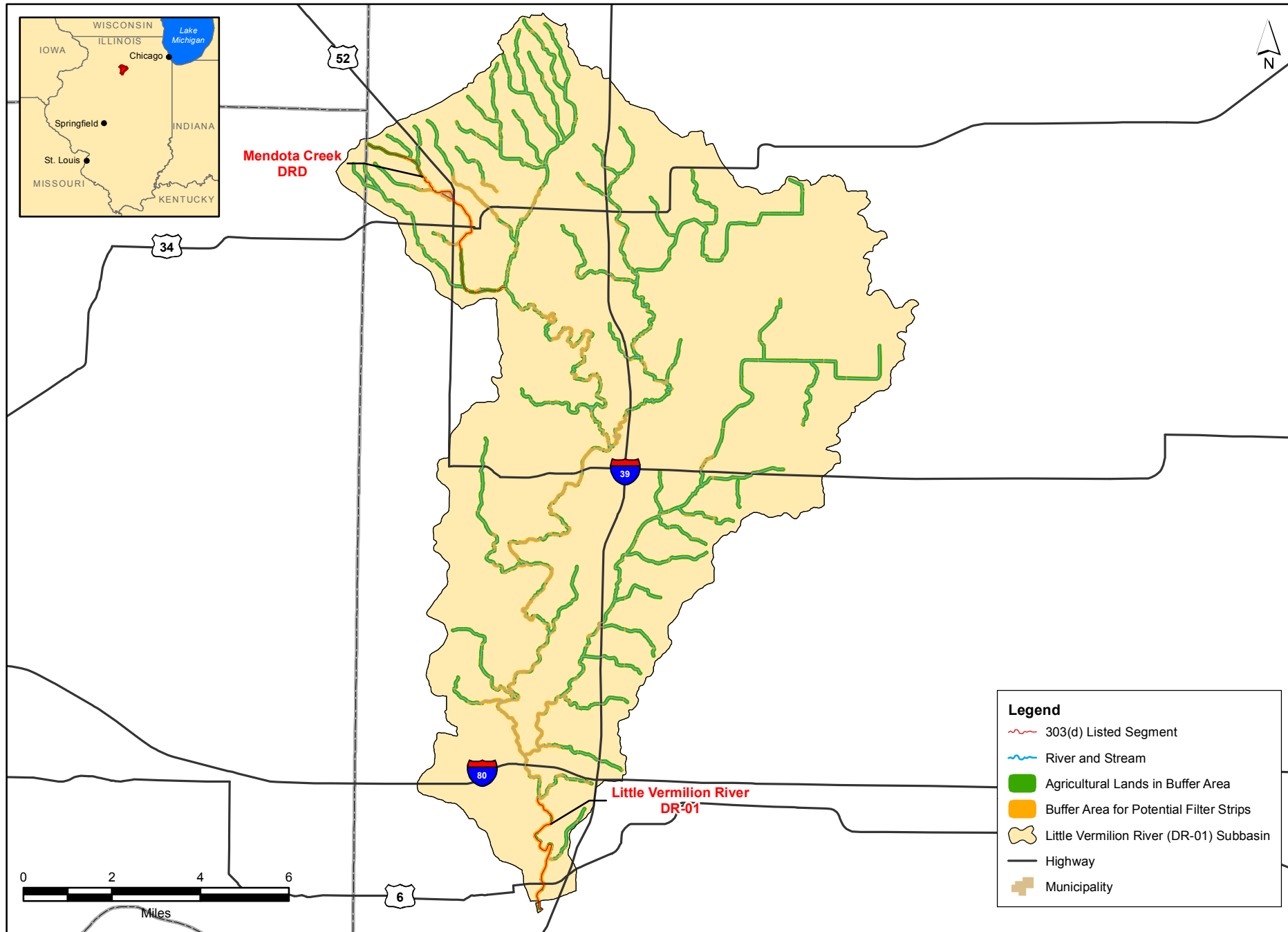
Not all land use types within the buffer areas are candidates for conversion to buffer strips. Existing forests and undisturbed grasslands already function as filter strips and conversion of developed residential or commercial lands is often infeasible. In general, agricultural lands are the land use type most conducive to conversion to buffer strips. Therefore, GIS software was used to extract the approximate acreage of agricultural lands within the appropriate buffer area for each impaired stream segment and its tributaries. The calculated overall buffer areas and acreage of agricultural land within the buffer distances for each impaired stream segment and its tributaries are provided in **Table 9-2**. These data represent an approximation of the maximum acreage of land potentially available for conversion to filter strips. The Mendota Creek (DRD) segment is not impaired for fecal coliform; however, information for the segment is included in **Table 9-2** for use later in this Section 9. More detailed assessment of a given property is necessary to determine the exact size and extent of convertible lands likely to provide the greatest benefit to in-stream water quality following conversion to filter strips.

There are approximately 8,418 total acres within the various buffer distances for fecal coliform impaired segment (DR-01), with an estimated 4,499 acres of agricultural land where filter strips could potentially be installed. Landowners should be encouraged to evaluate their land adjacent to impaired streams and their tributaries to determine the practicality of installing or extending filter strips to achieve effective flow lengths as described in the NRCS guidance provided in **Table 9-1**. Figures depicting the buffered areas and agricultural lands suitable for conversion to filter strips in the DR-01 and DRD segments are provided as **Figures 9-1** and **9-2**.

Table 9-2 Average Slopes, Filter Strip Flow Length, Total Buffer Area, and Area of Agricultural Land Buffers Potentially Suitable for Conversion for Filter Strips

Stream Name	Segment ID	Average Slope Adjacent to Streams (%)	Filter Strip Flow Length (feet)	Total Area in Buffer (Acres)	Agricultural Land Buffer (Acres)
Little Vermilion River	DR-01	10.8	234	8,418	4,499
Mendota creek	DRD	6.0	234	853	485

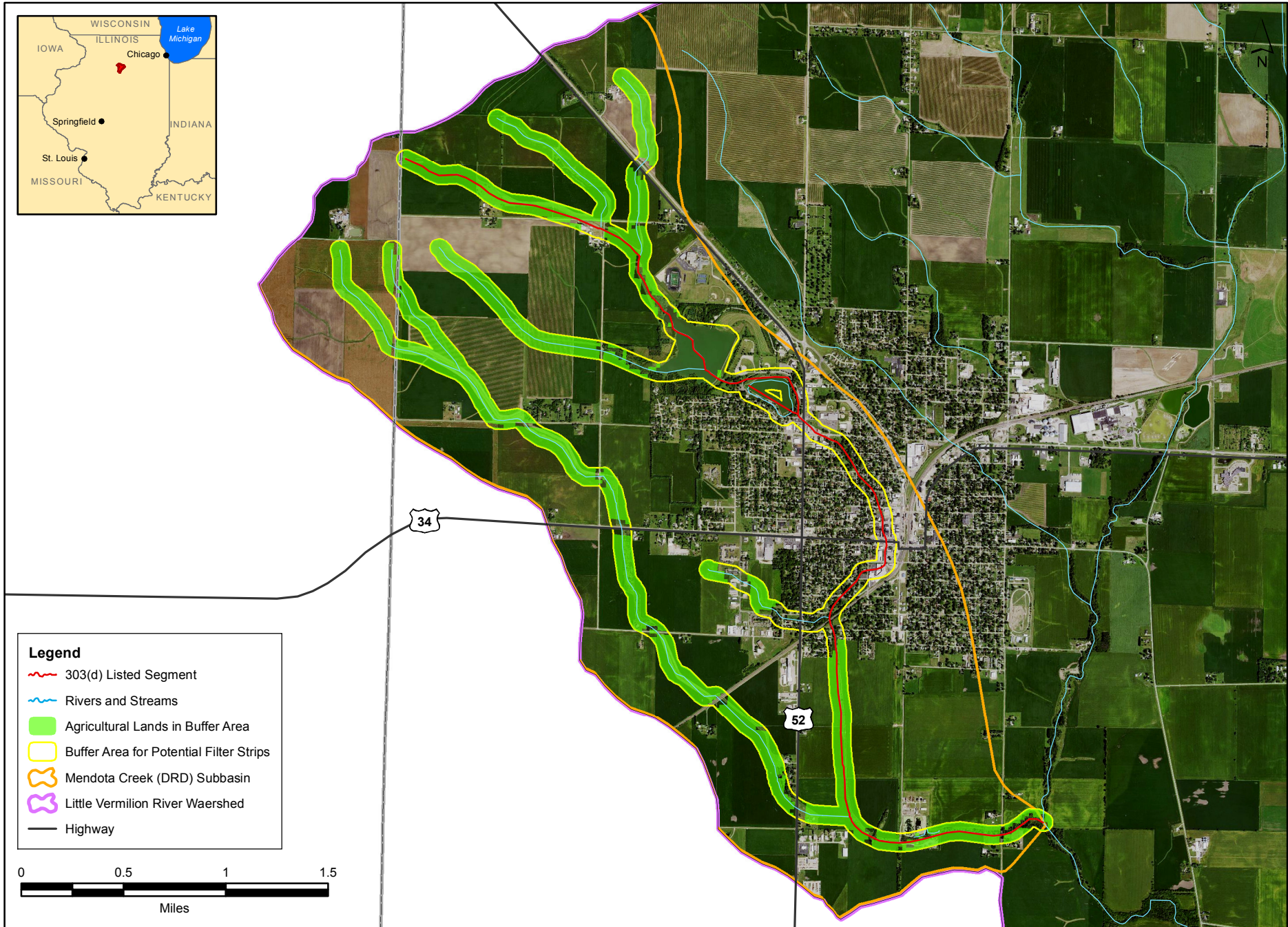
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Little Vermilion River Segment DR-01

Buffer Areas and Agricultural Lands Potentially Suitable for Conversion to Filter Strips

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Mendota Creek Segment DRD
Buffer Areas and Agricultural Lands Potentially Suitable for Conversion to Filter Strips

FIGURE 9-2

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Field Borders: A field border is a strip of permanent vegetation established at the edge or around the perimeter of a field to reduce erosion from wind and water and protect soil and water quality. This practice applies to cropland and grazing lands which are often farmed to the extent possible, sometimes even into adjacent road ditches and to creek banks. Leaving a field border will reduce erosion and transportation of sediment, including contaminant-impacted materials, to nearby environmentally sensitive areas. The Little Vermilion River is listed for both fecal coliform and TSS and expanded use of field borders within the subbasin will help reduce loading of both constituents.

As a minimum, field borders should be located along the edge(s) of fields where runoff enters or leaves the field. The minimum width shall be 30 feet; wider if needed to meet the resource needs. When determining the border width, consideration should be given to factors such as equipment turning, parking, loading/unloading, grain harvest operations, and other related activities. For example, field borders planned to be used for turn strips shall be at least twice as wide as the widest equipment to be used. Border widths should also comply with all applicable state and local manure and chemical application setbacks. The field border shall not be used as a hay yard or machinery parking lot for any extended period of time, especially if doing so will damage or impair the function of the field border. When crossing the border, sprayers should be shut off and tillage equipment raised to avoid damage to the borders.

The field border shall be established using permanent stiff-stemmed, upright grasses; grass/legumes; forbs; and/or shrubs to trap wind- or water-borne soil particles. These plants should be appropriately adapted to the soil and climate, have the physical characteristics necessary to control wind and water erosion to tolerable levels in the field border area, be tolerant to sediment deposition and the chemicals planned for application in the cropfield, be tolerant to equipment traffic, and shall not include any state-listed noxious plant. For water quality purposes in particular (adsorbed, dissolved and suspended contaminants), the field border should have a vegetation stem density/retardance of moderate to high (e.g., equivalent to a good stand of wheat). Field border establishment shall be timed so that the soil will be adequately protected during the critical erosion period(s). Seedbed preparation, seeding rates, dates, depths, fertility requirements, and planting methods will be consistent with approved local criteria and site conditions.

Applicable maintenance shall be performed as needed to ensure the borders continue to function properly, including removal of state-listed noxious weeds and excess accumulated sediment. Overland flow entering the border should be primarily sheet flow; areas of concentrated flow should be dispersed as part of the maintenance activities so as not to circumvent the border. Any area damaged by animals, chemicals, tillage, or equipment traffic should be repaired as soon as possible. Use of contour buffer, no-till, or other conservation practices on adjacent upland areas will help to reduce surface runoff and excessive sedimentation of field borders.

If this BMP is selected for use by a landowner, a separate plan shall be prepared for each area which will use this practice. Additional guidance and minimum plan elements are discussed in Illinois NRCS CPS 386.

Private Septic System Inspection and Maintenance Program: As indicated in Section 2.3, approximately 12.3 percent of the Little Vermilion River (LaSalle County) watershed consists of

developed or urbanized land, primarily in the LaSalle metropolitan area. A majority of businesses, residences, and other structures in the developed areas are served by a municipal sewer district and septic systems are uncommon in these areas. The remainder of the watershed is rural and primarily devoted to agricultural purposes. Many households in rural areas of Illinois that are not connected to municipal sewers make use of onsite sewage disposal systems, or septic systems. The degree of nutrient removal in these systems is limited by soils and system upkeep and maintenance.

Failing or leaking septic systems can be a significant source of fecal coliform pollution. A program that actively manages functioning systems and addresses non-functioning systems could be implemented to reduce the potential bacteria loads from septic systems in the watershed.- USEPA has developed guidance for managing septic systems, which includes assessing the functionality of systems, public health, and environmental risks (USEPA 2005). It also introduces procedures for selecting and implementing a management plan.

To reduce the discharge of excessive amounts of contaminants from a faulty septic system, a scheduled maintenance plan that includes regular pumping and maintenance of the septic system should be followed. The majority of failures originate from excessive suspended solids, nutrients, and biochemical oxygen demand (BOD) loading to the septic system. Reduction of solids entering the tank can be achieved by limiting the use of garbage disposals.

Septic system management practices can extend the life and maintain the efficiency of a septic system. Water conservation practices, such as limiting daily water use or using low flow toilets and faucets, are the most effective methods to maintain a properly functioning septic system. Additionally, septic systems should not be used for the disposal of solids, such as cigarette butts, cat litter, cotton swabs, coffee grounds, disposable diapers, etc. Physical damage to the drain field can be prevented by:

- Maintaining a vegetative cover over the drain field to prevent erosion
- Avoiding construction over the system
- Protecting the area down slope of the system from excavation
- Landscaping the area to divert surface flow away from the drain field (Bedinger et al., 1997)

The cost of each management measure is highly variable, and site-specific data on septic systems and management practices do not exist for the watershed; therefore, homeowners with septic systems should contact their county health department for septic system management costs.

Current protocols for addressing failing septic systems in the rural areas are to be performed in accordance with the Illinois Private Sewage Disposal Licensing Act and Code "to prevent the transmission of disease organisms, environmental contamination and nuisances resulting from improper handling, storage, transportation and disposal from private sewage disposal systems." Any new, replaced, or renovated system must be installed by a licensed contractor or the homeowner and permitted through the county health department. The department must receive both an application for permit and the appropriate fee from the contractor/homeowner. Once

reviewed and approved, a permit is issued and an inspection of the system is conducted during and after construction. The county health department also investigates private sewage disposal system complaints.

A long-range solution to failing septic systems is connection to a municipal sanitary sewer system. Connection to a sanitary sewer line would reduce existing fecal coliform sources by replacing failing septic systems with municipal treatment and will allow communities to develop without further contribution of pathogens to the Little Vermilion River. Costs for the installation are generally paid over a period of several years (average of 20 years) and help to avoid forcing homeowners to shoulder the entire initial cost of installing a new septic system. In addition, costs are sometimes shared between the community and the utility responsible for treating the wastewater generated from replacing the septic tanks. The planning process is involved and requires participation from townships, cities, counties, businesses, and citizens/homeowners.

It is unknown at this time how many septic systems are present within the watershed. However, as discussed in Section 5.3.3, LaSalle County Department of Health officials have reported that residents of the largest municipalities in the watershed (Mendota and LaSalle) were generally on public sewer systems, while residents in the rural parts of the county used private septic systems. Section 2.5 indicates that approximately 14,600 people reside in the Little Vermilion River (LaSalle County) watershed and about 7,200 of those reside in Mendota. A portion of the City of LaSalle is also located in the southern edge of the watershed; however, population information for the city was not included in Section 2.5. Based on **Figure 1-1**, the portion of LaSalle within the watershed appears to be less than the size of Mendota, and is assumed to be one-half of the Mendota population (therefore, approximately 3,600). The township of Troy Grove is assumed to be served by private septic systems. Based on these assumptions, up to 3,800 people remain and are likely served by private septic systems. If a typical household is assumed to consist of four people, there may be around 950 households which have septic systems.

Restrict Livestock Access to the Little Vermilion River: As discussed in Section 5 of this report, significant quantities of livestock are present within the Little Vermilion River (LaSalle County) watershed. Data from NASS states there were more than 10,000 head of cattle within LaSalle County in 2013; these animals are presumed to be primarily pastured with no known high concentration feed operations within the watershed.

It is unknown to what extent livestock have access to the Little Vermilion River or its tributaries. Reduction of livestock access to streams, however, is recommended to reduce bacteria loads and limit damage to streambanks. Access of livestock and other animals to streams can increase bank erosion, trample filter strips and riparian buffers causing short circuiting of pollutant treatment, and provide direct input of manure to the waterbody. Exclusion of or restricting pet, livestock, and wildlife access to streams with fencing helps reduce pollutant loads. USEPA found that livestock exclusion from waterways and other grazing management measures were successful in reducing fecal coliform counts by 29 to 46 percent (2003).

Fencing and alternate watering systems are effective ways to restrict livestock from streams; however, fencing emplacement is not always feasible from either a cost or animal management viewpoint. If used, fencing should be placed outside of the filter strip/riparian area to prevent manure from being entrained during flooding. Another option is to limit access of people to areas

of the waterbody; this indirectly keeps a large percentage of pet waste at a distance from the waterbody. Waterfowl are an issue for phosphorus and fecal coliform loading at lakes and slow moving streams. Acoustic devices and other repellants can be used to stress nuisance waterfowl so they avoid congregating in select areas.

Pasture Management/Fencing: As discussed above, livestock are present within the watershed, but these animals are primarily pastured and no high concentration feed operations exist in the watershed. Some basic pasture management strategies can be implemented to improve soil and reduce erosion, in turn reducing fecal coliform migration from fields. For example, pasture fencing can greatly enhance the efficiency of farming operations. When livestock are penned up in the same field or paddock for the entire grazing season, the plants in that area are grazed too short or even down to bare earth which increases the likelihood of soil loss. Guidance for rotation suggests livestock be moved into a grazing enclosure when the forage is around six inches high and moved off again when it is two inches high. This will also encourage the growth of the forage and will sometimes break the life cycle of parasites. As more pasture is divided into smaller paddocks, the utilization of forages by grazing livestock can increase. As utilization of forages is increased and cattle are moved more frequently, the ungrazed paddocks will have fresh forage available for grazing and the previously grazed paddocks will have time to rest. Rest periods from grazing allow forage regrowth and prevent overgrazing, which can lead to increased stormwater runoff and unnecessary sediment and nutrient loss.

In addition to aiding in healthy pastures, fencing can also be an effective way to restrict livestock from streams. It is unknown to what extent livestock have access to the impaired segments or contributing tributaries. Reduction of livestock access to streams, however, is recommended to limit damage to streambanks. Access of livestock and other animals to streams can increase bank erosion, trample filter strips and riparian buffers causing short circuiting of pollutant treatment. Exclusion or restricting pet, livestock, and wildlife access to streams with fencing helps reduce pollutant loads (fecal coliform and phosphorus).

9.4 BMP Recommendations for Reducing Total Phosphorus in Streams in the Little Vermilion River (LaSalle County) Watershed

Phosphorus is a nutrient critical to healthy ecosystems at low concentrations; however, over enrichment of phosphorus can result in aquatic ecosystem degradation when nitrogen is also available in sufficient quantities. Nutrient enrichment can result in rapid algal growth as available nutrients and carbon dioxide are consumed. This response can alter pH, decrease DO (which is critical to other aquatic biota), alter the diurnal DO pattern, and even create anoxic conditions. In addition, nutrient enrichment can reduce water clarity and light penetration and is aesthetically displeasing. Oxygen levels must be considered when evaluating BMPs for phosphorus because phosphorus is released from sediment at higher rates under anoxic conditions; increased water temperature and photosynthesis decrease DO levels and create anoxic conditions.

Inputs of phosphorus can originate from both point and nonpoint sources. Most of the phosphorus discharged by point sources is soluble. Phosphorus from point sources also typically has a continuous impact and is human in origin; for example, effluents from municipal sewage

treatment plants and permitted industrial discharges. However, total phosphorus impairments in stream segments are based on narrative standards and addressed through the development of an LRS rather than a traditional TMDL. Therefore, WLAs for phosphorus were not calculated for facilities in this watershed. The contribution from failed onsite wastewater treatment (septic) systems can also be significant (nonpoint sources), especially if they are concentrated in a small area.

Phosphorus from nonpoint sources is generally insoluble or particulate. Most of this phosphorus is bound tightly to soil particles and enters streams from erosion although some comes from tile drainage in the dissolved fraction. As discussed in Section 5.3.1 of this report, the use of drain tiling within the watershed is widespread with most if not all farms in LaSalle County having some sort of drain tile installed. The impact from phosphorus discharged by nonpoint sources is typically intermittent and is most often associated with stormwater runoff. Sedimentation can impact the physical attributes of the stream and act as a transport mechanism for phosphorus. It should be noted that the majority of BMPs recommended in this section for reduction of phosphorus load are also applicable to reduction of TSS (discussed further in Section 9.7).

The Little Vermilion River DR-01 and the Mendota Creek DRD stream segments of the watershed are listed for impairment of aquatic life use due to total phosphorus. As discussed in Section 7.2.1.6, these listings were made because total phosphorus in three of the 63 DR-01 samples and 21 of the 26 DRD samples exceeded the watershed-specific LRS target value. Reductions of total phosphorus loads needed to meet the LRS target values for the Little Vermilion River (LaSalle County) watershed are discussed in Section 8.3.5.3.

9.4.1 Nonpoint Sources for Phosphorus

Possible nonpoint sources of phosphorus to the DR-01 and DRD impaired stream segments include septic systems and both urban and rural land runoff. No MS4s are present within the watershed area. Phosphorus adsorbs to soil particles and, under increased velocities, water has an increased soil carrying capacity and erosion becomes an issue. This is exacerbated during activities where soil has been exposed and can be easily transported out of the disturbed area. Therefore, to achieve a reduction of phosphorus for the watershed, management measures should address both surface runoff controls and loading through sediment. BMPs that could be used for treatment of the Little Vermilion River (DR-01) and Mendota Creek (DRD) nonpoint sources are described below.

Conservation Tillage Practices: Conservation tillage practices could help reduce nutrient and sediment loads into the impaired stream segments by reducing erosion of soils. **Table 9-3**, shows the areas (acres) in each watershed that are under cultivation, along with the percent of the corresponding watershed area which is cultivated. Crop residuals or living vegetation cover on the soil surface protects against soil detachment from water and wind erosion.

Table 9-3 Cultivated Areas for Impaired Stream Segments in the Little Vermilion River (LaSalle County) Watershed

Waterbody Name	Segment ID	Land Cover Area (Acres)	Cultivated Area (Acres)	Percent Cultivated
Little Vermilion River	DR-01	80,420	60,581	75%
Mendota Creek	DRD	4,719	2,957	63%

Conservation tillage practices are no-till and reduced-till. No-till is the practice of limiting soil disturbance in order to manage the amount, orientation, and distribution of crop and plant residue on the soil surface year-round (Illinois NRCS CPS 329). Reduced-till is managing the amount, orientation, and distribution of crop and other plant residue on the soil surface year-round while limiting the soil-disturbing activities used to grow and harvest crops in systems where the field surface is tilled prior to planting (Illinois NRCS CPS 345).

The no-till practice consists only of an in-row soil tillage operation during the planting activities and a seed row/furrow closing device. No full-width tillage is performed from the time of harvest or termination of one cash crop to the time of harvest/termination of the next cash crop in the rotation regardless of the depth of the tillage operation. Limited tillage is allowed to close or level ruts from harvesting equipment; however, no more than 25 percent of the field may be tilled for this purpose.

As noted above, the reduced-till practice consists of managing plant residue on the soil surface while limiting soil-disturbing activities. The practice includes tillage methods commonly referred to as mulch tillage or conservation tillage where the entire soil surface is disturbed by tillage operations such as chisel plowing, field cultivating, tandem disking, or vertical tillage. It also includes tillage/planting systems with few tillage operations (e.g., ridge till) but which do not meet the criteria for the no-till practice as described above and in Illinois NRCS CPS 329.

In both the no-till and reduced-till practices, removal of residue from the row area prior to or as part of the planting operation is acceptable. In the no-till practice, however, the disturbed portion of the row width should not exceed one third of the crop row width. In either practice, none of the residue should be burned. To reduce erosion to the targeted level, the current approved water and/or wind erosion prediction technology should be used to determine the amount of randomly distributed surface residue needed, the period of the year the residue needs to be present in the field, and the amount of surface soil disturbance allowed. All residues shall be uniformly distributed over the entire field. Residue should not be shredded after harvest because shredding makes it susceptible to movement by wind or water, and areas where the shredded residue accumulates may interfere with planting of the next crop.

If the no-till BMP is selected for use by a landowner, a separate plan shall be prepared for each area which will use this practice. Additional guidance and minimum plan elements are discussed in Illinois NRCS CPS 329. Similarly, if the reduced-till BMP is selected for use by a landowner, a separate plan shall be prepared for each area which will use this practice. Additional guidance and minimum plan elements are discussed in Illinois NRCS CPS 345.

Conservation tillage practices can remove up to 45 percent of the dissolved and total phosphorus from runoff and approximately 75 percent of the sediment. Additionally, studies have found around 93 percent less erosion occurred from no-till acreage compared to acreage subject to moldboard plowing (USEPA 2003). Tillage practices in the Little Vermilion River DR-01 and Mendota Creek DRD impaired segment areas should be assessed and possibly improved upon to reduce sediment loads.

Stripcropping: Stripcropping is the practice of growing planned rotations of erosion-resistant and erosion-susceptible crops or fallow in a systematic arrangement of approximately equal strips (two or more) across a field. This practice reduces sheet, rill, and wind erosion as well as the transport of sediment and other water- and wind-borne contaminants. Stripcropping can be applicable on steeper slopes but is less effective on slopes exceeding 12 percent. The practice has the greatest impact where cropped or fallow strips having less than 10 percent cover are alternated with close grown and/or grass/legume strips or crop strips with 75 percent or greater surface cover. Stripcropping is not well suited to rolling topography and does not apply to situations where the widths of alternating strips cannot be made generally equal.

Vegetation in a stripcropping arrangement consists of crops and/or forages grown in a planned rotation. No two adjacent strips should be in an erosion-susceptible condition at the same time during the year although two adjacent strips may be in erosion-resistant cover at the same time. Erosion-resistant strips should be crops or crop residues that provide the needed protective cover during those periods when erosion is expected to occur. Acceptable protective cover is tolerant of the anticipated depth of sediment deposition and includes a growing crop, including grasses, legumes, or grass-legume mixtures, standing stubble, residue with enough surface cover to provide protection, or surface roughness sufficient to provide protection. When the erosion-resistant strip is in permanent vegetation, the species established shall either be tolerant to herbicides used on the cropped strips or protected from damage by herbicides used on the cropped strips.

All tillage and planting operations will follow an established strip line. Strip boundaries shall run parallel to each other and follow as close to the contour as practical. Strips widths shall be determined using currently approved erosion prediction technologies but shall not exceed 50 percent of the slope length used for erosion prediction or 150 feet, whichever is less. Strips susceptible to erosion shall be alternated down the slope with strips of erosion-resistant cover.

When using stripcropping, a separate plan shall be prepared for each field which will use this practice. Additional guidance and minimum plan elements are discussed in Illinois NRCS CPS 585, including arrangement and vegetative condition of strips, minimum and maximum row grades, minimum ridge height, critical slope length, headlands and end rows, and establishment of stable outlets to control runoff. Sediment accumulations along strip edges should be smoothed or removed and re-distributed over the field as necessary to maintain practice effectiveness. When headlands are in permanent cover, they should be renovated as needed to keep ground cover above 65 percent. No-till renovation of headlands is recommended, but in any case should only include the immediate seedbed preparation and reseeding to a sod-forming crop with or without a nurse crop. Full headland width should be maintained to allow turning of farm implements at the end of a tilled strip to double back on the same strip.

Conservation Crop Rotation: Conservation crop rotation is a planned sequence of at least two different crops grown on the same ground over a period of time (i.e., the rotation cycle), and applies to all cropland where at least one annually-planted crop is included in the crop rotation. This practice can reduce sheet, rill, and wind erosion as well as reduce water quality degradation due to excess nutrients. For the purposes of the practice, a cover crop is considered a different crop. Where applicable, suitable crop substitutions may be planted when the planned crop cannot be planted due to weather, soil conditions, or other local situations. Acceptable substitutes are crops having similar properties that will accomplish the purpose of the original crop.

For reducing sheet, rill, and wind erosion, the crops, a tillage system, and cropping sequences should be selected that will produce sufficient and timely quantities of biomass or crop residue which will reduce erosion to the planned soil loss objective, as calculated using current approved erosion prediction technology. Selection of high-residue producing crops and varieties, use of cover crops, and adjustment of plant density and row spacing can enhance production of the kind, amount, and distribution of residue needed, especially when used in combination with Illinois NRCS CPSs for Residue and Tillage Management (Codes 329 and 345, discussed above under “Conservation Tillage”). Crop damage by wind erosion can be reduced by selecting crops tolerant to abrasion from windblown soil or high wind velocity. Alternatively, if crops sensitive to wind erosion damage are grown, the potential for plant damage can be reduced by crop residue management, field windbreaks, herbaceous wind barriers, intercropping, or other methods of wind erosion control.

To recover excess nutrients from the soil profile in order to reduce water quality degradation, crops with the following qualities should be used: quick germination and root system formation, a rooting depth sufficient to reach the nutrients not removed by the previous crop, and nutrient requirements that readily utilize the excess nutrients. In addition, including perennial or annual legume crops in the rotation can help provide nitrogen for the non-legume crops, especially in fields where manure applications are restricted by high or excessive soil phosphorus or potassium levels.

When using conservation crop rotation, a separate plan shall be prepared for each field or treatment unit which will use this practice. Additional guidance and minimum plan elements are discussed in Illinois NRCS CPS 328.

Conservation Cover: Conservation cover is the practice of establishing and maintaining permanent vegetative cover in order to: reduce sheet, rill, and wind erosion and sedimentation; and reduce ground and surface water quality degradation by nutrients and surface water quality degradation by sediment. This practice applies on all lands needing permanent herbaceous vegetative cover and can be applied on only a portion of a field; however, it does not apply to plantings for forage production or to critical area plantings.

When using conservation cover, the amount of plant biomass and cover needed to reduce wind and water erosion to the planned soil loss objective should be calculated using the current approved wind and/or water erosion prediction technology. The selected plant species should be suitable for the planned purpose as well as adapted to the soil, ecological, and climatic conditions of the area. Planting dates, planting methods, and care in handling and planting of the seed or planting stock shall ensure that planted materials have an acceptable rate of survival. No-till

seeding methods are preferred where erosion concerns are present. Periodic removal of some products such as high value trees, medicinal herbs, nuts, and fruits is permitted provided the conservation purpose is not compromised by the loss of vegetation or harvesting disturbance.

When using conservation cover, a separate plan shall be prepared for each field which will use this practice. Additional guidance and minimum plan elements are discussed in Illinois NRCS CPS 327, including seeding periods; seed quality; seedbed preparation and seeding; use of temporary and/or nurse crops (if necessary); native species; seed mixtures; soil testing; fertilizer, lime, and pesticide requirements; weed and companion crop control; and maintenance of the vegetative cover. Mowing after the establishment period (except for noxious weed control) shall be done prior to April 15 or after August 1 to protect nesting wildlife. Exceptions can be made to allow mowing, burning, and/or chemical treatments when necessary to maintain the health and diversity of the plant community.

Cover Crop: A cover crop consists of grasses, legumes, and forbs planted for seasonal vegetative cover. This practice can help reduce wind and water erosion as well as reduce water quality degradation by utilizing excessive soil nutrients. Cover crops may either be established between successive production crops, or companion-planted or relay-planted into production crops. Species and planting dates should be selected that will not compete with the production crop yield or harvest. Cover crops should not be harvested for seed, nor should the residue be burned.

As discussed in Illinois NRCS CPS 340, plant species, seeding rates, seeding dates, and seeding depths should be determined using the Illinois Cover Crop Selection Tool (<http://www.mccc.msu.edu/selectorINTRO.html>). Cover crops should be selected based on having the physical characteristics necessary to provide adequate erosion protection, their ability to effectively utilize the nutrients of concern, and their ability to produce higher volumes of organic material and root mass in order to maintain or increase soil organic matter. Use of deep-rooted species will help maximize nutrient recovery. The cover crop should be established as soon as practical prior to or after harvest of the production crop, and terminated as late as practical to maximize plant biomass production and nutrient uptake, while allowing time to prepare the field for the next production crop.

When using a cover crop, a separate plan shall be prepared for each field which will use this practice. Additional guidance and minimum plan elements are discussed in Illinois NRCS CPS 340. The cover crop should be evaluated periodically to determine if the cover crop is meeting the planned purpose. If not, changes to the crop species, management, or technology should be implemented.

Filter Strips: As discussed in Section 9.3.2, filter strips can be used as a control to reduce both pollutant loads from runoff, such as phosphorus, and sedimentation to impaired stream segments. Filter strip areas are calculated as described in Section 9.3.2. Based on those calculations and as noted in **Table 9-2**, there are approximately 4,499 acres of agricultural land within the 234-foot buffer delineated for DR-01 and its tributaries, and approximately 485 acres of agricultural land within the 234-foot buffer delineated for DRD and its tributaries.

Riparian Buffers: Riparian corridors, including both the stream channel and adjacent land areas, are important components of watershed ecology. Riparian vegetation, specifically the shade-

producing variety, plays a significant role in controlling stream temperature change. The shade provided will reduce both solar radiation loading to the stream and peak temperatures during the growing season which can in turn increase the waterbody DO saturation level. Furthermore, preserving natural vegetation along stream corridors can effectively reduce water quality degradation associated with development. The root structure of the vegetation in a buffer enhances infiltration of runoff and subsequent trapping of nonpoint source pollutants, such as phosphorus. The buffers are only effective in this manner, however, when the runoff enters the buffer as a slow moving, shallow sheet. Concentrated flow in a ditch or gully will quickly pass through the buffer offering minimal opportunity for retention and uptake of pollutants.

Even more important than the filtering capacity of the buffers is the protection they provide to streambanks. The rooting systems of the vegetation serve as reinforcements in streambank soils, which help to hold streambank materials in place and minimize erosion. Due to the increase in stormwater runoff volume and peak rates of runoff associated with agriculture and other land development, stream channels are subject to greater erosional forces during stormflow events. Thus, preserving natural vegetation along stream channels minimizes the potential for water quality and habitat degradation due to streambank erosion as well as that additional pollutant or sediment load entering the stream.

Converting land adjacent to streams for the creation of riparian buffers will provide stream bank stabilization, stream shading, and nutrient uptake and trapping from adjacent areas. Minimum buffer widths of 25 feet are required for water quality benefits. Higher removal rates are provided with greater buffer widths. The NCSU (2000) reports phosphorus removal rates of approximately 25 to 30 percent for 30-foot-wide buffers and 70 to 80 percent for 60-to 90-foot-wide buffers. The report also states that riparian corridors typically treat a maximum of 300 feet of adjacent land before runoff forms small channels that short circuit treatment. In addition to the treated area, the land converted from agricultural land to buffer strip will generate up to a 90 percent lower nutrient load based on data presented in Haith et al. (1992).

Land use data were clipped to a 25-foot buffer zones created around the Little Vermilion River (DR-01) and Mendota Creek (DRD) impaired stream segments and their tributaries. Grassland, forest, and agricultural areas within the 12-foot buffer zones are shown in **Table 9-4** by segment. There are 909 acres within 25 feet of DR-01 and its tributaries; approximately 391 of these acres are existing grassland or forest while 421 acres are currently classified as agricultural and may be candidates for riparian buffers. There are 94 acres within 25 feet of DRD and its tributaries; approximately 18 of these acres are existing grassland or forest while 47 acres are currently classified as agricultural and may be candidates for riparian buffers. Landowners should be encouraged to assess parcels adjacent to the stream channels and maintain or improve existing riparian areas or potentially convert cultivated lands.

Table 9-4 Total Area and Area of Grassland, Forest, and Agricultural Land Within 25-Foot Buffer, by Stream Segment

Stream Name	Segment ID	Area in 25 ft Buffer (Acres)	Grassland in 25 ft Buffer (Acres)	Forest in 25 ft Buffer (Acres)	Agricultural Land in 25 ft Buffer (Acres)
Little Vermilion River	DR-01	909	191	200	421
Mendota Creek	DRD	94	16	2	47

Nutrient Management: Nutrient management programs could result in reduced nutrient loads to the impaired stream segments in the Little Vermilion River (LaSalle County) watershed. Crop management of nitrogen and phosphorus originating in the agricultural portions of the watershed can be accomplished through Nutrient Management Plans (NMPs) that focus on increasing the efficiency with which applied nutrients are used by crops, thereby reducing the amount available to be transported to both surface water and groundwater. As indicated in **Table 9-3**, approximately 60,581 acres in the Little Vermilion River (LaSalle County) watershed are under cultivation; these areas may benefit from NMPs.

The overall goal of nutrient reduction from agriculture should be to increase the efficiency of nutrient use by balancing nutrient inputs in feed and fertilizer with outputs in crops and animal produce as well as to manage the concentration of nutrients in the soil. The four “Rs” of nutrient management are applying the right fertilizer source at the right rate at the right time and in the right place. It is not unusual for crops in fields or portions of fields to show nutrient deficiencies during periods of the growing season, even where an adequate NMP is followed. The fact that nutrients are applied does not necessarily mean they are available. Plants obtain most of their nutrients and water from the soil through their root system. Any factor that restricts root growth and activity has the potential to restrict nutrient availability and result in increased nutrient runoff.

Reducing nutrient loss in agricultural runoff may be brought about by source and transport control measures, such as filter strips or grassed waterways. The NMPs account for all inputs and outputs of nutrients to determine reductions. NMPs typically include the following measures:

- A review of aerial photography and soil maps
- Recommendation for regular soil testing – Traditionally, soil testing has been used to decide how much lime and fertilizer to apply to a field. With increased emphasis on precision agriculture, economics, and the environment, soil tests have become a logical tool to determine areas where adequate or excessive fertilization has taken place. Additionally, they can be used to monitor nutrient buildup in soils due to past fertility practices and aid in determining maintenance fertilization requirements. Appropriate soil sampling and analysis techniques are described in the ([Illinois Agronomy Handbook](#)).
- A review of current and/or planned crop rotation practices
- Establishment of yield goals and associated nutrient application rates – Matching nutrient applications to crop needs will minimize the potential for excessive buildup of phosphorus soil tests and reallocate phosphorus sources to fields or areas where they can produce agronomic benefits.
- Development of nutrient budgets with planned application rates (which may be variable), application methods, and timing and form of nutrient application
- Identification of sensitive areas and restrictions on application when land is snow covered, frozen or saturated

Phosphorus is listed as a potential cause of impairment in some areas of the Little Vermilion River (LaSalle County) watershed. Regional differences in phosphorus-supplying power are shown in **Figure 8-4** of the ([Illinois Agronomy Handbook](#)). The differences were broadly defined primarily based on variability in parent material, degree of weathering, native vegetation, and natural drainages. For example, soils developed under forest cover appear to have more available subsoil phosphorus than those developed under grass. In the Little Vermilion River (LaSalle County) watershed in northern Illinois, soils are generally considered to have low to medium phosphorus-supplying power; therefore, buildup and maintenance of phosphorus levels are sometimes needed in this area. Application amounts should be determined by periodic soil testing. Subsoil levels of phosphorus in the northern Illinois region may be rather high by soil test in some soils, but this is partially offset by conditions that restrict rooting ([Illinois Agronomy Handbook](#)).

It should be noted, however, that excessively high-phosphorus soil test levels should not be maintained. While soil test procedures were designed to predict where phosphorus was needed, not to predict environmental problems, the likelihood of phosphorus loss increases with high-phosphorus test levels. Environmental decisions regarding phosphorus applications should include such factors as distance from a significant waterbody, infiltration rate, slope, and residue cover. One possible problem with using soil test values to predict environmental problems is in sample depth. Normally samples are collected to a 7-inch depth for predicting nutritional needs. For environmental purposes, it would often be better to collect the samples from a 1- or 2-inch depth, which is the depth that will influence phosphorus runoff. Another potential problem is variability in soil test levels within fields in relation to the dominant runoff and sediment-producing zones. Several fertilizer placement recommendations are described in the ([Illinois Agronomy Handbook](#)). However, given the propensity of phosphorus to bind tightly to soil particles and subsequently enter streams through erosion, the deep fertilizer placement technique may be most appropriate in phosphorus impaired areas such as the Little Vermilion River (LaSalle County) watershed. Under the deep placement technique, the fertilizer is placed 4 to 8 inches deep into the soil rather than being spread near the surface.

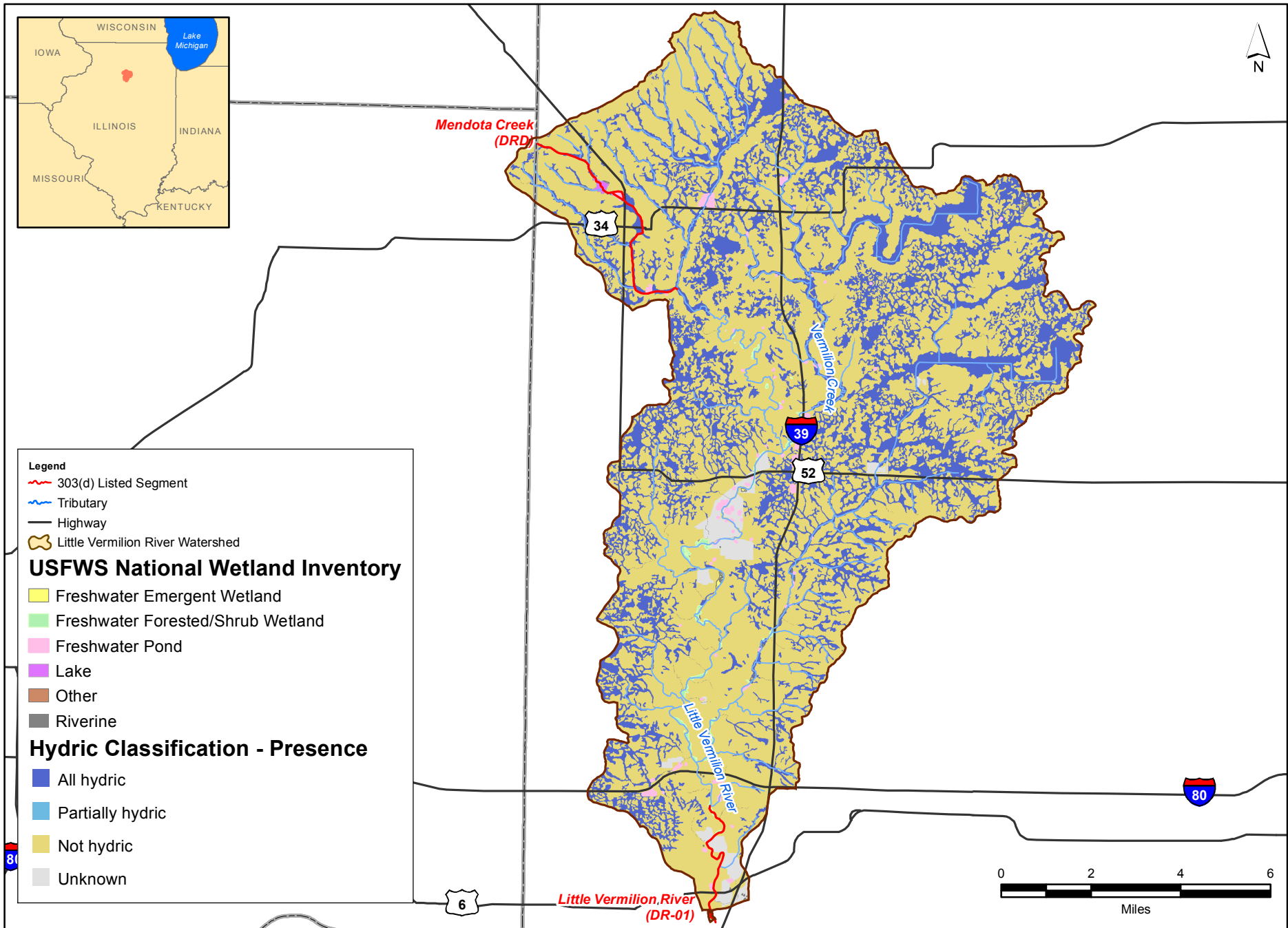
Wetlands: The use of wetlands as a structural control is applicable to nutrient reduction. To treat loads from agricultural runoff, such as phosphorus, wetlands could potentially be constructed at select locations where more focused runoff from fields occurs; e.g., downstream of a tile drainage system. Wetlands are effective BMPs for phosphorus and sediment control because they:

- Prevent floods by temporarily storing water, allowing the water to evaporate or percolate into the ground
- Improve water quality through natural pollution control such as plant nutrient uptake
- Filter sediment
- Slow overland flow of water thereby reducing soil erosion (NRCS 2014)

A properly designed and functioning wetland can provide very efficient treatment of pollutants, such as phosphorus. Design of wetland systems is critical to the sustainable functionality of the system and should consider soils in the proposed location, hydraulic retention time, and space

requirements. In general, soils classified as hydric are most suitable for wetland construction. The current extent of soils classified as “hydric” by the NRCS as well the current extent of existing USFWS classified wetlands in the Little Vermilion River (LaSalle County) watershed are shown in **Figure 9-3**. These data layers are developed on a large-scale and onsite soil investigation and wetland delineation is typically necessary for verification of the suitability of a given area for wetland construction.

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Constructed wetlands, which comprise the second or third stage of a nonpoint source treatment system, can be remarkably effective at improving water quality. Studies have shown that artificial wetlands designed and constructed specifically to remove pollutants from surface water runoff have removal rates of greater than 90 percent for suspended solids, 0 to 90 percent for total phosphorus, 20 to 80 percent of orthophosphate, and 10 to 75 percent for nitrogen species (Johnson et al. 1996; Moore 1993; USEPA 2003; Kovosic et al. 2000). Although the removal rate for phosphorus is low in long-term studies, the rate can be improved if sheet flow is maintained to the wetland and vegetation and substrate are monitored to ensure the wetland is operation optimally. Sediment or vegetation removal may be necessary if the wetland removal efficiency is lessened over time (USEPA 2003). Guidelines for wetland design suggest a wetland to watershed ratio of 0.6 percent for nutrient and sediment removal from agricultural runoff.

Water and Sediment Control Basins (WASCOBs): WASCOBs are earth embankments or combination ridge and channel systems constructed across the slopes of minor watercourses to reduce watercourse and gully erosion. These basins act as water detention basins and trap sediments (and the pollutants bound to the sediment) prior to them reaching a receiving water. The WASCOB reduces gully erosion by controlling flow within the drainage area, and the basins may be installed singly or in series as part of a system. The practice applies to sites where the topography is generally irregular, runoff and sediment damage land and improvements, and watercourse or gully erosion is a problem. Adequate and stable outlets from the basin are required to convey runoff water to a point where it will not cause damage. Additionally, sheet and rill erosion should be controlled by other conservation practices; i.e., the WASCOB would be part of another conservation system that adequately addresses resource concerns both above and below the basin. However, if land ownership or physical conditions preclude treatment of the upper portion of a slope, a WASCOB may be used to separate the upper area from, and permit treatment of, the lower slope.

WASCOBs should, at a minimum, be designed to be large enough to control runoff from at least a 10-year, 24-hour storm using a combination of flood storage and discharge through the outlet. Additionally, the WASCOB must be designed to have the capacity to store at least the anticipated 10-year sediment accumulation. Otherwise, periodic sediment removal is required as part of the maintenance activities in order to maintain the required capacity. Locations are determined based on slopes, erosion areas, crop management, and soil survey data.

When using a WASCOB, a separate plan shall be prepared for each treatment unit which will use this practice. Local NRCS personnel can often provide information and advice for design and installation. Illinois NRCS CPS 638 also provides additional information on the design and maintenance requirements for WASCOBs, as well as information on cropping activity recommendations and requirements around the basin. Maintenance includes reseeding or planting the basins in order to maintain vegetation, where specified, and periodically checking them, especially after large storms, to determine the need for embankment repairs or mechanical removal of excess sediment. Inlets and outlets should be cleaned regularly. Damaged components should be replaced promptly.

Phosphorus-Based Lawn Fertilizer Restrictions: Runoff from urban areas may include phosphorus-based fertilizers applied to residential lawns, golf courses, and other surfaces. If used too close to a receiving waterbody, phosphorus present in stormwater runoff, if any, will enter the waterbody. Illinois has a statute in place which governs the use of phosphorus-based fertilizers in urban areas: Lawn Care Products Application and Notice Act (415 ILCS 65/). This act includes the following prohibitions for phosphorus-based fertilizers (see act for limited exceptions):

- They shall not be applied to lawns unless it can be demonstrated by soil test that the lawn is lacking in phosphorus when compared against the standard established by the University of Illinois; see the act for exceptions
- They shall not be applied to impervious surfaces
- They shall not be applied within 3 feet of any waterbody if a spray, drop, or rotary spreader is used. If other equipment is used, the fertilizer may not be applied within 15 feet of a waterbody.
- They shall not be applied when the ground is frozen or saturated
- Appropriate lawn markers for the application event and notifications to potentially affected adjacent properties are required

Private Septic System Inspection and Maintenance Program: Failing or leaking septic systems can be a source of phosphorus pollution. A program that actively manages functioning systems and addresses non-functioning systems could be implemented to reduce the potential phosphorus loads from septic systems in the watershed. Guidance for managing septic systems was described in Section 9.3.2 of this document.

9.5 BMP Recommendations for Improving DO in Mendota Creek

The Mendota Creek DRD segment of the Little Vermilion River (LaSalle County) watershed was listed for impairment of aquatic life use due to a single low DO concentration which occurred in 1988. As discussed in Section 5 of this report, this exceedance occurred at one of the six water quality stations located in this segment; however, additional Stage 2 sampling conducted by the Illinois EPA in 2015 showed that low DO is no longer an issue on this segment. The DO impairment in Mendota Creek is therefore recommended for delisting and no TMDLs or BMPs for improving DO were included.

9.6 BMP Recommendations for Improving pH in the Little Vermilion River Impaired Segment

The DR-01 segment of the Little Vermilion River (LaSalle County) watershed was listed for impairment of aquatic life use due to exceedances of pH in three of 89 historical samples; the exceedances occurred in samples collected between 2002 and 2005. However, additional Stage 2 sampling conducted by the Illinois EPA in 2015 showed that pH values are now within the

acceptable range. The pH impairment in the DR-01 segment is therefore recommended for delisting and no TMDLs or BMPs for improving pH were included.

9.7 BMP Recommendations for Reducing Total Suspended Solids in the Little Vermilion River Impaired Segment

The DR-01 segment of the Little Vermilion River is listed for impairment of aquatic life use due to excess TSS. As discussed in Section 7.2.1.5 of this report, 24 of the 71 samples collected within this segment represent loads greater than the allowable load limit established by the watershed-specific LRS target value. Exceedances have occurred under a full range of flow conditions although the exceedances do appear to occur with greater consistency at higher flows. Reductions of TSS loads needed to meet the LRS target values for the Little Vermilion River (LaSalle County) watershed are discussed in Section 8.3.4.

9.7.1 Nonpoint Sources for TSS

Nonpoint source runoff from agricultural areas, unstable streambanks, and increased mining operations are potentially the main contributors to high sediment/TSS loads in the DR-01 impaired stream segment. Under increased velocities, water has an increased soil carrying capacity and erosion becomes an issue. This is exacerbated during activities where soil has been exposed and can be easily transported out of the disturbed area. Additionally, grime accumulation on areas such as city streets may be washed into nearby waterbodies. Therefore, to achieve a reduction of TSS for the impaired segment, management measures should address surface runoff and erosion controls and loading through sediment. These types of controls also provide the secondary benefit of reducing other contaminants, such as phosphorus and fecal coliform, that may be entering waterways via erosive and runoff processes. BMPs that could be utilized to treat the DR-01 nonpoint TSS sources are described below.

Filter Strips, Field Borders and Riparian Buffers: As discussed above, filter strips and field borders can be used as a control to reduce both pollutant loads from runoff and sedimentation to impaired stream segments. Grass filter strips have been shown to remove as much as 65 percent of sediment. Riparian vegetation also provides bank stability that further reduces pollutant and sediment loading to the stream (described in Section 9.4.1). Filter strip and riparian buffer areas are calculated as described in Sections 9.3.2 and 9.4.1, respectively. Potential areas are shown in **Table 9-2** for filter strips and **Table 9-4** for riparian buffers. Landowners should be encouraged to evaluate their land adjacent to the stream and its tributaries to determine the practicality of installing or extending filter strips and/or riparian buffers.

Terracing: Terracing is a soil conservation practice that can prevent runoff of precipitation falling on high gradient lands from causing serious erosion. Terraces may consist of an earthen embankment, a channel, or a combination of ridges and channels constructed across the slope. They can be narrow based (grass on both sides), grass backed, or farmable (no grass), and have an outlet to convey runoff water to a point where it will not cause damage. Terraces reduce both the volume and velocity of water moving across the soil surface, which greatly reduces soil erosion. Terracing reduces peak discharge rates by temporarily storing runoff, allowing the associated sediment and other contaminants to settle out behind the terrace ridge rather than directly entering a receiving stream. Terrace systems have been shown to remove as much as 85

percent of sediment and 70 percent of total phosphorus from runoff (USEPA 2003). See Illinois NRCS CPS 600 for additional guidance, including information on spacing, alignment, capacity, cross-sections, channel grades, and outlets.

If this BMP is selected for use by a landowner, a separate plan shall be prepared for each area which will use this practice. Minimum elements for each plan are discussed in Illinois NRCS CPS 600. The terraces should be inspected periodically and repaired as needed, including maintaining terrace ridge heights, channel profiles, terrace cross-sections, and outlet elevations. Accumulated sediment should be removed regularly to maintain terrace capacity and grade. For terraces where vegetation is specified, seasonal mowing, control of trees and brush, reseeding, and fertilizing should be completed as needed.

Grassed Waterways: A grassed waterway is a shaped or graded channel, established with suitable vegetation, used to convey surface water at a non-erosive velocity by way of a broad and shallow cross-section to a stable outlet. The vegetative cover within the waterway reduces peak discharge and protects the channel surface from rill and gully erosion. Waterways are often constructed in naturally-occurring depressions where the water collects and flows to an outlet but can be constructed in any area where added water conveyance capacity and vegetative protection are needed to prevent erosion resulting from concentrated surface flow. In addition to reducing erosion, grassed waterways can positively affect water quality through uptake of other pollutants attached to soils such as nutrients. Criteria for constructing grassed waterways are discussed in Illinois NRCS CPS 412, including capacity, stability, width, depth, side slopes, drainage and outlets, and establishment of vegetation.

When using a grassed waterway, a separate plan shall be prepared for each treatment unit which will use this practice and which describes how the practice requirements will be applied to that particular area. Additional guidance and minimum plan elements are discussed in Illinois NRCS CPS 342, The NRCS recommends these maintenance measures for grassed waterways:

- Plant a good quality NRCS-approved seed mixture. Fertilization of the vegetation should not be necessary unless the waterway is proven to lack proper nutrients. Avoid spraying herbicides in or adjacent to the waterway. Mowing or periodic grazing of the vegetation may be appropriate to maintain waterway capacity and reduce sediment deposition. Noxious weeds should be controlled.
- Inspect the area frequently for eroding areas, places needing reseeding, and damaged caused by machinery, herbicides, or livestock. Repair all areas as needed; e.g., minor rills or gullies may be repaired by reshaping and reseeding. Outlets should also be maintained to prevent gullies from forming. This may include reshaping and reseeding the outlet, or repairing components of structural outlets.
- Maintain the width of the grass area when tilling and planting adjacent fields. If possible, bring row crop patterns up to (but not into) the waterway nearly on the contour. Do not plant end rows along the side of the waterway. Do not use the waterway as a turn area because this can result in damage to the vegetation.

- Avoid driving up and down, or crossing, grassed waterways, especially during wet conditions. This can damage the vegetation and the ruts caused by tire tracks can lead to gullies.
- When crossing grassed waterways, lift tillage equipment off of the waterway and turn off chemical application equipment.

Wetlands: As discussed in Section 9.4.1, wetlands are effective BMPs for sediment and some pollutant control. Studies have shown that artificial wetlands designed and constructed specifically to remove pollutants from surface water runoff have removal rates of greater than 90 percent for suspended solids. To treat TSS loads generated from agricultural runoff within the Little Vermilion DR-01 segment, wetlands could be constructed at select locations where more focused runoff occurs; e.g., downstream of a tile drainage system. The current extent of soils classified as “hydric” by the NRCS as well the current extent of existing USFWS classified wetlands in the Little Vermilion River (LaSalle County) watershed were shown in **Figure 9-3**.

WASCOBs: As discussed in Section 9.4.1, WASCOBs are designed to trap sediments prior to reaching a receiving water. WASCOBs can therefore be effective in reducing phosphorus loads to waterbodies by capturing pollutant-laden water and sediment before it reaches the waterbody and allowing the contaminants to settle out. As with wetlands, WASCOBs could potentially be constructed at select locations where more focused runoff from fields occurs; e.g., downstream of a tile drainage system.

Streambank Stabilization/Erosion Control: Treatments used to stabilize and protect banks of streams or constructed channels, and shorelines of lakes, reservoirs, or estuaries, are discussed in Illinois NRCS CPS 580. This practice can be used to help maintain the flow capacity of streams or channels, and to reduce the offsite or downstream effects of sediment resulting from bank erosion.

Prior to implementation of the practice, an assessment of the unstable streambank or shoreline sites should be conducted in sufficient detail to identify the causes contributing to the instability (e.g., livestock access, watershed alterations resulting in significant modifications of discharge or sediment production, and in channel modifications such as water level fluctuations and boat-generated waves). Protective treatments need to be compatible with the bank or shoreline materials, water chemistry, channel or lake hydraulics, and slope characteristics above and below the water line.

Treatment area designs should provide for protection of installed treatments from overbank flows resulting from upslope runoff and flood return flows, and from bank seepage. The designs should also account for any anticipated ice action, wave action, and fluctuating water levels. End sections of treatment areas shall be adequately anchored to existing treatments, terminate in stable areas, or be otherwise stabilized to prevent flanking of the treatment. Livestock traffic along treated streambanks and shorelines shall be limited to stable access points. All disturbed areas around protective treatments shall be protected from erosion through cultivation or selected vegetation suitable for the site conditions and intended purposes.

Streambanks should be assessed to determine if the causes of instability are local (e.g., poor soils, high water table in banks, alignment, obstructions deflecting flows into the bank, etc.) or systemic (e.g., aggradation due to increased sediment from the watershed, increased runoff due to urban development in the watershed, degradation due to channel modifications, etc.). Bank protection treatment should not be installed in channel systems undergoing rapid and extensive changes in bottom grade and/or alignment unless the treatment is designed to control or accommodate the changes. Bank treatment shall be constructed to a depth at or below the anticipated lowest depth of streambed scour. When appropriate, a buffer strip and/or diversion may be established at the top of the bank or shoreline protection zone to help maintain and protect installed treatments; improve their function; and filter out sediments, nutrients, and pollutants from runoff.

Some available approaches to potentially decrease nonpoint TSS, sedimentation/siltation, and/or pollutant source loads, as well as helping to stabilize eroding banks include the following:

- **Rock Riffle Grade Control:** Naturally stable stream systems typically have an alternating riffle-pool sequence that helps to dissipate stream energy. Riffle rock grade control places loose rock grade control structures at locations where natural riffles would occur to create and enhance the riffle-pool flow sequence of stable streams. By installing riffle rock in an incised channel, the riffles will raise the water surface elevation resulting in lower effective bank heights, which increases the bank stability by reducing the tractive force on the banks (Kinney 2005).
- **Stone Toe Protection:** Non-erodible materials are used to protect the eroding banks of a stream. Meandering bends found in the watershed could potentially be stabilized by placing the hard armor only on the toe of the bank. Stone toe protection is most commonly implemented "using stone quarry stone that is sized to resist movement and is placed on the lower one third of the bank in a windrow fashion" (Kinney 2005).
- **Floodplain Excavation:** Rather than raising the water level, Floodplain Excavation lowers the floodplain to create a more stable stream. Floodplain Excavation uses mechanical means to restore the floodplain by excavating and utilizing the soil that would eventually be eroded away and deposited in the stream (Kinney 2005).
- **Rock chutes:** Rock chutes are riprap lined water conveyance structures used to move water down a slope in a non-erosive manner. The main purpose of a rock chute is to reduce channel flow velocity by dissipating energy and to provide a stable grade at the outlet to prevent erosion.

The extent of streambank erosion within and upstream of the Little Vermilion DR-01 impaired segment is unknown. Further investigation is recommended to determine the extent that erosion control measures could help manage TSS loads in the reaches.

Native Planting: The local SWCD provided comment encouraging the use of stabilization cover in areas with open-pit mining. Local stakeholders indicated that mining operations near the impaired waterbody have increased in recent years. According to the NRCS, "this approach takes advantage of the deep-rooted native species that historically stabilized the soil, slowed runoff, facilitated infiltration, and decreased erosion prior to development of the area. These species may

also offer a more aesthetically pleasing solution to the stormwater and erosion challenges, while providing better wildlife habitat.”

https://www.nrcs.usda.gov/wps/portal/nrcs/detail/il/plantsanimals/?cid=nrcs141p2_030722

9.8 BMP Recommendations for Reducing Chloride in the Little Vermilion River Impaired Segment

Chloride is a conservative ion, does not degrade, and has the potential to accumulate within waterbodies over time. Chloride is toxic to aquatic organisms at high concentrations and, even at lower concentrations, chloride may impact biological community structure, diversity, and productivity. Chloride salts can also affect soil stability and permeability and increase the potential for erosion. The Little Vermilion River DR-01 segment was listed for impairment of aquatic life use due to water quality standard exceedances in two of the 65 samples collected in the segment. As described in Section 7.2.1.3, the exceedances occurred under dry/low flow conditions in 2003 and 2005. Reductions of chloride loads needed to meet the TMDL for the Little Vermilion River are discussed in Section 8.3.2.

9.8.1 Point Sources of Chloride

Table 5-8 of this document lists the NPDES permitted point sources present within and upstream of the impaired segment of the Little Vermilion River. Only one of the facilities, Carus Chemical Company (IL0002623), has discharge monitoring requirements for chloride. A WLA was calculated for this facility based on the instream standard of 500 mg/L as shown in **Table 8-7**. Continued and/or future monitoring of chloride concentrations in effluent from each of the facilities within the watershed will help provide greater certainty on the relative impact of dischargers to the chloride concentrations in the impaired segment.

An additional WLA was calculated for the IDOT MS4 permit. Roadways can contribute chloride from winter deicing. IDOT is required to follow the BMPs included in the MS4 permit to minimize the impact of road runoff to area receiving waters.

9.8.2 Nonpoint Sources of Chloride

Land use around the DR-01 impaired segment is predominantly urban. Nonpoint chloride sources may therefore originate from road de-icing activities using chloride salts. The following BMPs will provide a basis for management of chloride salt application to roadways.

Public Education and Staff Training: Educating the public is generally the first step in any water quality improvement campaign. Increased awareness about the application of road salt and the effects of excessive loading to waterbodies can increase community support for chloride use reduction. Information about what homeowners and businesses can do to limit chloride salt application in addition to municipal leadership should be included. The following elements could be included in the public education program:

- Informative fact sheets for public distribution. Environmental group outreach lists can be useful and the information could be in a general, adaptive form.
- Presentation or fact sheets targeted to municipal government officials.

- Public access television.
- Newspaper articles or advertisements.
- Declaration of “Limited Salt Use Areas” to highlight water quality protection and increase awareness.

Staff training is critical to reduce the quantity of road salt used as operators responsible for salt handling and application can have the largest impact on overuse and product loss. Elements of a staff training program could include:

- Initial training for new employees, including on-the-job training from experienced personnel. Alternatively, programs are offered by the American Public Works Association and Northeastern Illinois Public Safety Training Academy.
- Routine annual refresher training for salt handling and application with operators highlighting the impacts of road salt on water quality, infrastructure, and associated costs to the public. Proper storage and handling and application equipment and techniques should be covered as well, including record keeping and a review of the salt quantities required for each situation.
- Required training for private snow removal contractors generally involved in parking lot and private road snow removal. This could be done through a licensing or permitting process.

Storage and Handling: Proper storage and handling of road salt limits loss of salt to the environment and provides cost savings. The Salt Institute has published a Salt Storage Handbook (Salt Institute 2006) with recommended practices and design criteria for storage facilities. Additionally, the Transportation Association of Canada has published detailed BMPs for salt storage (TAC 2013). The Illinois Department of Transportation already has standard designs which can be adopted by municipalities. Existing facilities should be evaluated for improvement and bulk handling practices reviewed. Areas on which to focus evaluation should include protection from environmental conditions like wind and rain, storage on an impervious pad, and controlled offsite drainage. Training on proper handling and equipment inspection practices should include:

- Salt should be handled as little as possible to avoid particle breakdown and loss of material.
- Spillage should be minimized and cleaned up as soon as practicable.

Application: Proper application of salt for snow and ice control is fundamental to obtaining the desired effect of public road safety while minimizing product loss to the environment. Several guidelines and recommendations have been published including the Salt Spreading, Maintenance, Application, Rates & Timing (SMART) Learning Guide BMPs by Transportation Association of Canada (TAC 2005) and the Minnesota Department of Transportation handbook for snowplow operators (MDOT 2005). Records should be kept of salt use for each route, during each storm, by each vehicle, and by each operator. The records should be examined regularly to confirm that the target salt application rates are being met. Plowing snow just prior to salt application is good

practice and if side-cast snow accumulation interferes with continued plowing, it should be removed to an offsite disposal facility. There are two alternative application methods which could increase the effectiveness of traditional rock salt application during and after snow events described below.

- Use of a pre-wetting agent has been shown to reduce wasted salt during application by traffic scatter or wind by about 25% (Fay et al. 2005). Pre-wetted salt also acts more than dry salt because there is no delay waiting for a brine to form. Pre-wetting can be done onboard spreader trucks or by pre-treating salt stockpiles before loading trucks.
- Anti-icing programs should strongly be considered in conjunction with deicing programs. This involves the application of deicing agents on roads prior to ice or snow events. Correct timing for application involves use of accurate weather forecasts or weather information systems. These systems may require purchase or equipment modification and employee training. Programs can take advantage of the Illinois state-wide Road Weather Information Systems or provide their own means of weather condition monitoring. The Minnesota Department of Transportation Field handbook reports that anti-icing uses about 25% of the material at a tenth of the cost of conventional deicing (MDOT 2005).

Alternative Products: Non-chloride deicing products are available for purchase and agencies have well documented their use. It is recommended that a long-term pilot study be done within the watershed to determine effectiveness for this application. Acetate deicers do not contain chloride but can be relatively expensive. Organic deicers are also somewhat expensive, but can be used in select areas or in combination with other deicing liquids. More detailed information can be found in the Chloride Usage Education and Reduction Program Study (DRSCW 2007) by the DuPage River Salt Creek Workgroup, posted at <http://www.drscw.org/>.

9.9 BMP Recommendations for Reducing Total Zinc in the Little Vermilion River Impaired Segment

Little Vermilion River segment DR-01 is listed for impairment of aquatic life use due to elevated dissolved zinc concentrations that have historically exceeded both the chronic and acute standards. Zinc can combine with other elements, such as chlorine, oxygen, and sulfur, to form zinc compounds. Most zinc found naturally in the environment is in the form of zinc sulfide. Note that historic zinc smelting that occurred at the Matthiessen and Hegeler Zinc Company Site converted imported zinc sulfide to zinc oxide and elemental zinc.

Zinc mobility and bioavailability is mainly governed by pH. As with many trace metals, zinc solubility is higher under more acidic conditions. Alkaline conditions favor adsorption of zinc to oxides and oxyhydroxides of iron, manganese, and aluminum; and to clay minerals and organic matter; and sorption and/or precipitation with carbonate minerals. Organic matter appears to play a more important role on zinc adsorption as compared to the hydroxides. Under low reduction-oxidation conditions, zinc may form insoluble sulfides. Naturally-occurring chelating agents, such as many organic acids, can increase the solubility and mobility of zinc. The TMDL calculated for zinc is discussed in Section 8.3.1.

9.9.1 Point Sources of Zinc

As discussed in Sections 5.1.1.1, 7.2.1.2, and 8.3.1 of this document, the zinc loading in the DR-01 segment appears to be primarily sourced to the Matthiessen and Hegeler Zinc Company Site located in LaSalle, Illinois. Operable Unit 1 of the Site consists of Carus Company operations while Operable Unit 2 comprises the former production area of the Matthiessen and Hegeler Zinc Company, which included zinc smelting, a rolling mill, and ancillary operations. As noted in Section 8.3.1.5, remedial activities for the Matthiessen and Hegeler Zinc Company Site are currently in development through the RCRA process, and once implemented, should lead to significant reductions in zinc loads into the stream.

9.9.2 Nonpoint Sources of Zinc

Potential nonpoint sources of zinc include runoff from historic smelting operations in the watershed. For example, the June 2012 Remedial Investigation Report for the Matthiessen and Hegeler Zinc Company Site, LaSalle, Illinois (prepared by Geosyntec and SulTRAC) indicates that there is a partially submerged slag pile in the area which contains zinc compounds that leach to groundwater, surface runoff, and stream water and sediment. Additional sources of some metals contamination may be from naturally-occurring high background levels of some metals in soils which can then impact overland runoff, soil erosion, and groundwater. BMPs evaluated in this plan that could be utilized to treat nonpoint sources are described below. Because remedial activities are expected to be conducted for the Matthiessen and Hegeler Zinc Company Site, and, once implemented, should lead to significant reductions in zinc loads into the stream, costs for the BMPs described in this Section 9.9.2 are not included in Section 9.10.

For naturally-occurring nonpoint sources, filter strips, WASCObS, and streambank stabilization/erosion control practices may provide the secondary benefit of reducing any contaminants that may be attached to the soil, primarily by limiting the amount of zinc-enriched sediment or water flowing into the stream segment. These control practices were described in Sections 9.3.2, 9.4.1, and 9.7.1.

Additional BMPs for zinc include chemical or passive treatment methods and other mining-related reclamation methods. Active chemical treatment typically involves the addition of other chemicals, such as calcium carbonate, sodium hydroxide, sodium bicarbonate, and anhydrous ammonia, to create a reaction, decrease the solubility of dissolved metals, and precipitate metal salts which then settle out of solution. Active chemical treatment is not likely to be a viable option for the DR-01 stream segment because the chemicals are expensive and the treatment system requires additional costs associated with operation and maintenance, as well as the disposal of metal-laden sludge. Reclamation of abandoned land involves clearing site vegetation, removing contaminated topsoil and other materials, and restoring functionality of the area for recreational, agricultural, or wildlife habitat purposes. The environmental benefits realized from abandoned industrial land reclamation projects are numerous and significant, including restoring land for future use and improving water quality. Restoration of the land can result in increased and enhanced pasture land, recreational areas, or wildlife habitat. However, reclamation projects tend to be costly and resource intensive and may not be appropriate for all sites in the Little Vermilion River (LaSalle County) watershed. Passive methods could be utilized until full reclamation of an area occurs. Chemical addition and energy consuming treatment processes are virtually eliminated with passive treatment systems, and the operation and maintenance requirements of

passive systems are considerably less than active treatment systems. Examples of passive treatment technologies include the following:

Aerobic Wetland: An aerobic wetland consists of a large surface area pond with horizontal surface flow. These wetlands can only effectively treat water that is not alkaline (pH greater than 7). In aerobic wetland systems, metals are precipitated through oxidation reactions to form oxides and hydroxides. A typical aerobic wetland will have a water depth of 6 to 18 inches and can be planted with cattails and other wetland species (Zipper et al. 2011).

Compost or Anaerobic Wetland: Compost, or anaerobic, wetlands, consist of a large pond with a lower layer of organic substrate. A typical compost wetland will have 12 to 24 inches of organic substrate and be planted with cattails or other emergent vegetation (Zipper et al. 2011). Typically, the compost layer consists of spent mushroom compost that contains about 10 percent calcium carbonate. Other compost materials include peat moss, wood chips, sawdust, or hay. The flow is horizontal within the substrate layer of the basin. Piling the compost a little higher than the free water surface can encourage the flow within the substrate.

Open Limestone Channels: Open limestone channels may be the simplest passive treatment method available. These channels are constructed in two ways. The first method collects contaminated drainage water within a drainage ditch constructed of limestone while the second method consists of placing limestone fragments directly in a contaminated stream. In either case, dissolution of the limestone adds alkalinity to the water and raises the pH causing precipitation of the metals. This treatment requires large quantities of limestone for long-term success (Zipper et al. 2011).

Diversion Wells: Diversion wells are another simple way to increase the alkalinity of contaminated waters. Acidic water is conveyed by a pipe to a downstream "well," which contains crushed limestone aggregate. The hydraulic force of the pipe flow causes the limestone to turbidly mix and abrade into fine particles preventing armoring (Zipper et al. 2011).

Anoxic Limestone Drains: An anoxic limestone drain is a buried bed of limestone constructed to intercept subsurface water flow and prevent contact with atmospheric oxygen. Keeping oxygen out of the water prevents oxidation of metals and armoring of the limestone. An anoxic limestone drain can be considered a pre-treatment step to increase alkalinity and raise pH before the water enters a constructed aerobic wetland (Zipper et al. 2011).

Vertical Flow Reactors: Vertical flow reactors were conceived as a way to overcome the alkalinity producing limitations of anoxic limestone drains and the large area requirements of compost wetlands. The vertical flow reactor consists of a treatment cell with an under-drained limestone base topped with a layer of organic substrate and standing water. The water flows vertically through the compost and limestone and is collected and discharged through a system of pipes. The vertical flow reactor increases alkalinity by limestone dissolution and bacterial sulfate reduction (Zipper et al. 2011).

9.10 Cost Estimates of BMPs

Cost estimates for a number of suggested BMPs are discussed in the following subsections. This information was taken from the 2016 Illinois EQIP “Payment Scenario Descriptions” (NRCS 2016).

9.10.1 Filter Strips and Riparian Buffers

Several types of filter strip practices are available, including areas for native herbaceous vegetation with or without fertility measures required and areas of introduced species, also with or without fertility measures required. Filter strip implementation that includes seedbed preparation and native seed application ranges from \$520/acre to \$639/acre depending on the type used, with an average of approximately \$594/acre.

Riparian buffers consisting of bare-root shrubs cost approximately \$1.10 to \$1.65 each while direct seeding of trees and/or shrubs costs approximately \$741/acre. The direct seeding scenario includes a planting rate of approximately 3,000 to 4,800 seeds per acre as well as the foregone income for the land taken out of crop production. Land preparation, including removing undesirable vegetation and improving site conditions, is estimated at \$38/acre. For cases where an herbaceous cover is preferable, such as native grass or certain species of forbs and/or shrubs, costs average \$642/acre.

9.10.2 Nutrient Management Plan – NRCS

Costs for nutrient management range from \$13/acre (basic) to \$45/acre (enhanced nutrient management with deep placement [at least 4 inches below surface] of manure and/or phosphorus fertilizer). The cost for developing a NMP ranges from \$1,741 to \$2,902/plan depending on the acreage to be managed under the plan and assuming that a comprehensive NMP is not required. NMP preparation includes soil testing, manure analysis, scaled maps, and site-specific recommendations for fertilizer management.

9.10.3 Nutrient Management Plan – Illinois Department of Agriculture and Illinois EPA

The costs associated with development of a NMP co-sponsored by the Illinois Department of Agriculture (IDA) and the Illinois EPA is estimated at \$10/acre paid to the producer and \$3/acre for the third party vendor who develops the plan. There is a 200 acre cap per producer. The total plan development cost is estimated at \$13/acre.

9.10.4 Livestock and Wildlife Exclusion

Costs for livestock and/or wildlife exclusion depend on the type of fencing used. For example, permanent high tensile electric fencing is approximately \$0.79/foot for a single strand, \$1.16/foot for 2 to 3 strands, \$1.42/foot for 4 to 6 strands (with fence post centers no more than 30 feet apart), and \$1.78/foot for 7 or more strands (with double H bracing and fence post centers no more than 30 feet apart). A permanent, multi-strand barbed wire fence averages \$1.62/foot, and a permanent woven wire fence averages \$1.96/foot.

The cost for providing an alternate water supply will vary depending on the supply system used. For example, in areas frequently used by livestock for limited access to drinking water from a

pond or stream, an access ramp may be constructed to provide a stable, non-eroding surface and is approximately \$1.44/square foot. This includes earthwork, geotextile, gravel, and other surfacing materials that might be part of the design, as well as a small diversion berm to protect the ramp from concentrated overland flow. If vegetation should be established near the access ramp, costs for a dozer for grading and shaping of small gullies, seedbed preparation with typical tillage implements, grass/legume seed, companion crop, and fertilizer and lime with application are \$716.03/acre. Straw mulch or other approved natural material may be applied where needed to facilitate establishment of vegetative cover. The cost for mulching averages \$238/acre.

Several tank types may be used in areas where lower capacity water supplies are needed and only a backup supply is required for peak demand periods. Above ground tanks vary from \$2,220 for a 1,000 to 3,000 gallon tank and \$3,717 for a tank greater than 3,000 gallons. A large, permanent water tank (500 to 1,000 gallons) or fountain averages \$975, a small permanent tank (less than 500 gallons) is approximately \$400, a frost-free waterer is approximately \$1,011, and a portable tank is \$153. Heavy use protection should be established around these tanks and costs range from \$0.86 to \$4.91/square foot for gravel beds up to a 12 foot width. An underground storage tank may also be used, \$3,600 each, with a livestock pipeline for overflow. A plastic, buried pipeline, less than 2 inches diameter, averages \$1.94/foot. If a bedded pipeline is needed due to special considerations, such as rocky soil, the cost is \$3.38/foot. A non-electric livestock pump is approximately \$961.

9.10.5 Pasture Management/Livestock Fencing

Costs for livestock fencing for pasture management and/or exclusion from waterways depend on the type of fencing used. For example, permanent high tensile electric fencing is approximately \$0.79/foot for a single strand, \$1.16/foot for 2 to 3 strands, \$1.42/foot for 4 to 6 strands (with fence post centers no more than 30 feet apart), and \$1.78/foot for 7 or more strands (with double H bracing and fence post centers no more than 30 feet apart). A permanent, multi-strand barbed wire fence averages \$1.62/foot, and a permanent woven wire fence averages \$1.96/foot.

9.10.6 Water and Sediment Control Basins

The average cost for a water and sediment basin is approximately \$2.70/cubic yard depending on height (greater than or less than 5 ft) and if topsoil stockpiling is necessary. Installation of an underground outlet, plastic conduit, averages \$2.27/foot.

If vegetation should be established, costs for a dozer for grading and shaping of small gullies, seedbed preparation with typical tillage implements, grass/legume seed, companion crop, and fertilizer and lime with application are \$716.03/acre. Straw mulch or other approved natural material may be applied where needed to facilitate establishment of vegetative cover. The cost for mulching is \$238/acre.

9.10.7 Terraces

Costs for terraces range from \$1.66 to \$5.39/foot depending on the width (broadbase or narrowbase), slope width (less than or greater than 9 percent), whether topsoil stockpiling is needed, and timing of construction (if crop season).

9.10.8 Bank Stabilization/Erosion Controls

Streambank and shoreline protection features include weirs/rock riffles, stream barbs, and bank armor. Weirs/rock riffles range from \$2,448 to \$6,305 each depending on the size. A stream barb or bendway weir along with a longitudinal peaked stone toe ranges from \$27.27 to \$52.50/foot. Full bank armor (rip rap) may be use where typical techniques such as stone toe protection or stream barbs are not feasible. The armor is \$37.55/cubic yard.

Several types of grade stabilization structures may be used depending on the site-specific conditions and include the following: concrete block chutes, \$7.81/square foot, and riprap-lined (rock) chutes, \$48.73/cubic yard. A pipe structure, \$5.20/cubic yard, may be used to stabilize a classic gully with very erodible soils in a wooded area where vegetative establishment is not possible on most of the backslope. A straight overfall grade stabilization structure may be used to control erosion. The overfall structure may be implemented as a toewall, or any other type of straight overfall including concrete, sheet pile, or gabions. Where the height from the inlet to outlet is less than 5 feet, the cost is \$119.11/square foot, and where the height is equal to or greater than 5 feet, the cost is \$194.01/square foot. A pipe drop grade stabilization structure, \$10.24/square foot, includes earthwork and a principal spillway outlet structure.

9.10.9 Grassed Waterways

Costs for grassed waterways range from \$2,568 to \$4,916/acre depending on the width, timing of construction (if crop season), and whether checks (fabric or rock) are used.

9.10.10 Conservation Tillage

Conservation tillage is assumed to include tillage practices that preserve at least 30 percent residual cover of the soil after crops are planted. Costs associated with converting to conservation tillage will depend on the extent and degree of conservation tillage practices implemented. A no-till/strip-till system, organic or non-organic, involves managing the amount, orientation, and distribution of crop and other plant residue on the soil surface year-round while limiting soil-disturbing activities used to grow and harvest crops. These systems average approximately \$16/acre. Incorporating mulch till in place of conventional till costs \$4.21/acre, and applies to both organic and conventional fields. A full-width ridge-till system costs approximately \$30/acre. Contour farming is a practice in which row orientation is changed from up and down hill orientation to nearly perpendicular to the flow of runoff. Costs for this practice are \$6.06/acre.

9.10.11 Wetlands

The price to establish a wetland is very site specific and depends on factors such as size and type of vegetation used. Examples of costs associated with constructed wetlands include excavation costs, vegetation removal, and revegetation costs. Costs for wetlands created on a flat mineral uplands where surface runoff may be intercepted and ponded by excavation range from \$3,186 (no embankment) to \$3,680 (with embankment). Some areas may favor a wetlands setting which just needs to be enhanced or restored. In an area of natural depression fed by surface runoff, enhancement/restoration is approximately \$2,557/acre. Enhancing or restoring a wetland on a floodplain site that has existing levees and/or ditches may consist of regrading or shaping the land, potentially including levee removal, for \$1,167/acre. Constructed wetlands to reduce the pollution potential of runoff and wastewater average \$7,725/acre where natural regeneration of

wetland plants will be a major contributor to the working vegetation and \$10,286/acre where wetland vegetation in the pool area is planted at a denser grid (3-foot by 3-foot or closer). As needed, embankments, water control and grade stabilization structures, and filter strips should be added.

9.10.12 Septic System Maintenance

Septic tanks are designed to accumulate sludge in the bottom portion of the tank while allowing water to pass into the drain field. If the tank is not pumped out regularly, the sludge can accumulate and eventually become deep enough to allow for flow into the drain field. Pumping the tank every three to five years prolongs the life of the system by protecting the drain field from solid material that may cause clogs and system back-ups. In addition, septic systems should not be connected to field tile lines.

The cost to pump a typical septic tank ranges from \$250 to \$350 depending on how many gallons are pumped out and the disposal fee for the area. If a system is pumped once every three to five years, this expense averages out to less than \$100 per year.

The cost of developing and maintaining a watershed-wide database of the onsite wastewater treatment systems in the Little Vermilion River (LaSalle County) watershed depends on the number of systems that need to be inspected and the means by which the systems are inventoried. Education of home and business owners that use onsite wastewater treatment systems should occur periodically. Public meetings; mass mailings; and radio, newspaper, and TV announcements can all be used to remind and inform owners of their responsibility to maintain their systems. The costs associated with education and inspection programs will vary depending on the level of effort required to communicate the importance of proper maintenance and the number of systems in the area. Grand scale estimates of watershed-specific septic systems were included in Section 9.3.2.

9.11 Site-Specific BMPs

Illinois EPA met with local watershed stakeholders in March 2017. Attendees indicated that practices identified and discussed throughout this section have been successfully implemented within the watershed prior to development of this TMDL. Practices currently implemented within the watershed include terraces, grassed waterways, filter strips, cover crops, conservation tillage, no-till, strip-till, nutrient management (split application of fertilizers, grid soil sampling, utilize variable rate technology), edge of field practices, stream bank stabilization and restoration, rotational grazing, and crop rotation. Other examples of known local efforts include a local farmer that has previously partnered with the University of Illinois on nutrient management/split application trials.

For the Matthiessen and Hegeler Zinc Company Site in LaSalle, Illinois, the USEPA has conducted immediate actions to protect human health and the environment; however, site investigations and cleanup planning remain ongoing. The USEPA's website regarding this Site (<https://cumulis.epa.gov/supercpad/cursites/csinfo.cfm?id=0507364>) indicates that, pending the Record of Decision document and public meeting, the USEPA expects to remove contaminated soil and place it into a "containment cell" on the former smelter site.

9.12 Information and Education

As discussed in Section 3, public education and participation is a key factor for TMDL and watershed plan implementation. Increased public awareness can increase implementation of BMPs. Small incremental improvements and individual adoption of BMPs can be achieved at a much lower cost compared to the large-scale BMPs identified above. Outreach and education efforts should focus on activities that support the watershed plan goals, including:

- Biological and water quality monitoring
- Encouraging native landscaping including buffers along streambanks
- Buffer strips
- Reducing the use of chemicals (pesticides and phosphorus fertilizers)
- Nutrient management
- Water conservation
- Green infrastructure
- Soil testing
- Field visit days with demonstrations of agricultural conservation practices

An additional public meeting was held within the watershed to present the final TMDL results and the implementation plan. Additional recommended activities to support public outreach and education include:

- Websites and social media to publicize meetings, upcoming events, and links to resources
- E-mail updates
- Brochures with information on rain gardens, fertilizer use, and septic tanks
- Educational signs to educate viewers on water quality issues, purpose of BMPs, and environmental stewardship
- Public service announcements
- Informational meetings on State and Federal cost share programs

Local watershed stakeholders indicated that several programs currently exist for education at the local grade and junior high school level. Throughout the years, students have participated in a storm drain marking program in LaSalle and Mendota, natural history bus tours, and tours of watershed lakes amongst other educational stations related to natural resources and water quality.

9.13 Project Funding

Cost-share and incentive programs at the state and federal level are available to landowners, homeowners, and farmers in the watershed to help offset costs of implementing many of the BMPs recommended in this report. Some of these programs are discussed below. When reviewing the programs, it should be noted that some of the programs are only meant to provide incentives to encourage operators or landowners to try the practice. These incentive programs are not intended to cover the entire cost associated with implementing a practice. Additionally, some practices have many variables to consider that will affect both the cost of the program and the incentive or cost-share amount to be received; e.g., NMPs.

9.13.1 Available State-Level Programs for Nonpoint Sources

State-level programs to encourage landowners to implement resource-conserving practices for water quality and erosion control purposes are discussed in the following paragraphs.

9.13.1.1 Illinois Department of Agriculture and Illinois EPA Nutrient Management Plan Project

The IDA and Illinois EPA co-sponsor a cropland Nutrient Management Plan project in watersheds that have developed or are developing TMDLs. This voluntary project supplies incentive payments to producers to have NMPs developed and implemented. Additionally, watersheds that have sediment or phosphorus identified as a cause for impairment (as is the case in this watershed), are eligible for cost-share assistance in implementing traditional erosion control practices through the Nutrient Management Plan project.

9.13.1.2 Partners for Conservation Program

The Partners for Conservation Program (PFC) provides cost sharing on a variety of practices such as no-till systems, WASCOb, cover crops, filter strips, terrace systems, NMPs, and grade stabilization structures. The PFC is funded through the IDA and administered by the local SWCDs. Life/maintenance contracts can be 1 to 10 years depending on the practice and costs per acre vary significantly from project to project.

9.13.1.3 Streambank Stabilization and Restoration Program

The Streambank Stabilization and Restoration Program (SSRP) was established to address problems associated with streambank erosion, such as loss or damage to valuable farmland, wildlife habitat, and roads; stream capacity reduction through sediment deposition; and degraded water quality, fish, and wildlife habitat. The primary goals of the SSRP are to develop and demonstrate vegetative, stone structure, and other low cost bio-engineering techniques for stabilizing streambanks and to encourage the adoption of low-cost streambank stabilization practices by making available financial incentives, technical assistance, and educational information to landowners with critically eroding streambanks. A cost share of 75 percent is available for approved project components such as willow post installation, bendway weirs, rock riffles, stream barbs/rock, vanes, lunker structures, gabion baskets, and stone toe protection techniques. There is no limit on the total program payment for cost-share projects that a landowner can receive in a fiscal year. However, maximum cost per foot of bank treated is used to cap the payment assistance on a per foot basis and maintain the program's objectives of funding

low-cost techniques (IDA 2000). All project proposals must be sponsored and submitted by the local SWCD.

9.13.2 Available Federal-Level Programs for Nonpoint Sources

There are several voluntary conservation programs established by various federal agencies that encourage landowners to implement resource-conserving practices for water quality and erosion control purposes. These programs apply to crop fields as well as rural grasslands that are presently used for livestock grazing. Federal-level programs are discussed in the following paragraphs. The USEPA manages the Clean Water Act Section 319 Grants. The Farm Service Agency (FSA) oversees the Conservation Reserve Program (CRP) and the Grasslands Reserve Program (GRP). Voluntary conservation programs established through the 2014 U.S. Farm Bill, and managed by the NRCS, include the Agricultural Conservation Easement Program (ACEP), the Conservation Stewardship Program (CSP), and the Environmental Quality Incentives Program (EQIP).

9.13.2.1 Clean Water Act Section 319 Grants

Section 319 was added to the CWA to establish a national program to address nonpoint sources of water pollution. Through this program, each state is allocated Section 319 funds on an annual basis according to a national allocation formula based on the total annual appropriation for the section 319 grant program. The total award consists of two categories of funding: incremental funds and base funds. A state is eligible to receive USEPA 319(b) grants upon the USEPA's approval of the state's Nonpoint Source Assessment Report and Nonpoint Source Management Program. States may reallocate funds through sub-awards (e.g., contracts, sub-grants) to both public and private entities, including local governments, tribal authorities, cities, counties, regional development centers, local school systems, colleges and universities, local nonprofit organizations, state agencies, federal agencies, watershed groups, for-profit groups, and individuals.

USEPA designates incremental funds, a \$163-million award in 2016, for the restoration of impaired water through the development and implementation of watershed-based plans and TMDLs for impaired waters. Base funds, funds other than incremental funds, are used to provide staffing and support to manage and implement the state Nonpoint Source Management Program. Section 319 funding can be used to implement activities which improve water quality, such as filter strips, streambank stabilization, etc. (USEPA 2003).

Illinois EPA receives federal funds through Section 319(h) of the CWA to help implement Illinois' Nonpoint Source Pollution Management Program. The purpose of the program is to work cooperatively with local units of government and other organizations toward the mutual goal of protecting the quality of water in Illinois by controlling nonpoint source pollution. The program emphasizes funding for implementing cost-effective corrective and preventative BMPs on a watershed scale; funding is also available for BMPs on a non-watershed scale and the development of information/education nonpoint source pollution control programs.

The maximum Federal funding available is 60 percent of the total cost, with the remaining 40 percent coming from local match. The program period is two years unless otherwise approved. This is a reimbursement program.

Section 319(h) funds are awarded for the purpose of implementing approved nonpoint source management projects. The funding will be directed toward activities that result in the implementation of appropriate BMPs for the control of nonpoint source pollution or to enhance the public's awareness of nonpoint source pollution. Applications are accepted June 1 through August 1.

9.13.2.2 Conservation Reserve Program

The CRP is a voluntary program, administered through the FSA, which encourages landowners to agree to remove environmentally sensitive land from agricultural production and plant long-term resource-conserving cover to improve water quality, prevent soil erosion, and reduce loss of wildlife habitat. The program was initially established in the Food & Security Act of 1985 and is the largest private-lands conservation program in the United States.

Participants can enroll in CRP in two ways and the duration of the contracts under CRP range from 10 to 15 years. The first enrollment method is through a competitive process known as the CRP General Sign-up. These are announced on a periodic basis by the Secretary of Agriculture but do not occur on any fixed schedule. The second enrollment method is through CRP Continuous Sign-up, which is offered on a continuous basis. Continuous sign-up provides management flexibility to farmers and ranchers to implement certain high-priority conservation practices on eligible land. All enrollment offers are processed through the local FSA office.

Certain conditions must be met in order for land to be eligible for CRP enrollment. These conditions include the following:

1. The farmer applying for enrollment must have owned or operated the land for at least 12 months prior to the previous CRP sign-up period (except in cases of a change in ownership due to the previous owner's death, foreclosure, or land purchase by the new owner without the sole intention of placing it in the CRP).
2. Cropland that is planted or considered planted to an agricultural commodity for four of the six most recent crop years (including field margins) and must be physically and legally capable of being planted in a normal manner to an agricultural commodity.
3. Certain marginal pastureland suitable for use as any of the following conservation practices: buffer for wildlife habitat, wetlands buffer or restoration, filter strips, riparian buffer, grass waterway, shelter belt, living snow fence, contour grass strip, salt tolerant vegetation, or shallow water area for wildlife.

In addition to the eligible land requirements, cropland must meet one of the following criteria:

- Have a weighted average erosion index of 8 or higher
- Be expiring CRP acreage
- Be located in a national or state CRP conservation priority area.

The FSA bases rental rates on the relative productivity of soils within each county and the average dryland cash rent or cash-rent equivalent. The maximum rental rate for each offer is

calculated in advance of enrollment. Producers may offer land at the maximum rate or at a lower rental rate to increase likelihood of offer acceptance. In addition, the FSA provides cost-share assistance for up to 50 percent of the participant's costs in establishing approved conservation practices (USDA 2016: <https://www.fsa.usda.gov/programs-and-services/conservation-programs/prospective-participants/index>). CRP annual rental payments may include an additional amount up to \$2 per acre per year as an incentive to perform certain maintenance obligations (up to \$7 for certain continuous sign-up practice).

Finally, the FSA offers additional financial incentives for certain continuous sign-up practices. Signing Incentive Payment is a one-time incentive payment of \$10/acre for each acre enrolled for each full year of the contract. Eligible practices include field windbreaks; grassed waterways; shelter belts; living snow fences; filter strips; riparian buffers; marginal pastureland wildlife and wetland buffers; bottom timber establishment; field borders; longleaf pine establishment; duck nesting habitat; SAFE buffers, wetlands, trees, longleaf pine, and grass; pollinator habitat; and several wetlands practices. The Performance Incentive Payment is a one-time incentive payment made to participants who enroll land in CRP to be devoted to all continuous sign up practices except establishment of permanent vegetative cover on terraces, wetland restoration (including non-floodplain), bottomland timber establishment, and duck nesting habitat.

The maximum annual non-cost share payment that an eligible "person" can receive under the CRP is \$50,000 per fiscal year. This is a separate payment limitation applying only to CRP non-cost share payment.

The current extent of land enrolled in CRP within the Little Vermilion River (LaSalle County) watershed is unknown.

9.13.2.3 Conservation Stewardship Program

The CSP helps agricultural producers maintain and improve their existing conservation systems and adopt additional conservation activities to address priority resources concerns. Participants earn CSP payments for conservation performance—the higher the performance, the higher the payment.

Through CSP, participants take additional steps to improve resource conditions including soil quality, water quality and quantity, air quality, habitat quality, and energy. CSP provides two types of payments through 5-year contracts: annual payments for installing new conservation activities and maintaining existing practices; and supplemental payments for adopting a resource-conserving crop rotation. Producers may be able to renew a contract if they have successfully fulfilled the initial contract and agree to achieve additional conservation objectives. Payments are made soon as practical after October 1 of each fiscal year for contract activities installed and maintained in the previous year. In fiscal year 2016, NRCS made \$150 million available for producers through the CSP.

Eligible lands include private and Tribal agricultural lands, cropland, grassland, pastureland, rangeland and non-industrial private forest land. CSP is available to all producers, regardless of operation size or type of crops produced, in all 50 states, the District of Columbia, and the Caribbean and Pacific Island areas. Applicants may include individuals, legal entities, joint operations, or Indian tribes that meet the stewardship threshold for at least two priority resource

concerns when they apply. They must also agree to meet or exceed the stewardship threshold for at least one additional priority resource concern by the end of the contract. Producers must have effective control of the land for the term of the proposed contract, which include all eligible land in the agricultural operation. Some additional restrictions and program requirements may apply and interested applicants should contact the local NRCS office for more information.

9.13.2.4 Grassland Reserve Program

The purpose of the GRP, administered by the FSA, is to prevent grazing and pasture land from being converted into cropland, used for urban development, or developed for other non-grazing uses. Participants in the program voluntarily limit future development of the land while still being able to use the land for livestock grazing and activities related to forage and seed production. Some restrictions on activities may apply during the nesting season of certain bird species that are in decline or protected under federal or state law.

The GRP has several enrollment options, including a rental contract for 10, 15, or 20 years, or enrollment of the land in a conservation easement for an indefinite period of time. Applications are accepted any time and are processed through the local FSA office.

To be eligible for a rental agreement, the applicant must own or have control of the land for the length of the contract. To enroll in a conservation easement, the applicant must own and be willing to restrict use of the land either in perpetuity or under the maximum length of time under state law. Persons enrolled in GRP receive an annual rental payment for their enrolled acres. Rental payments were not available on the USDA website as of June 2016 (<https://www.fsa.usda.gov/programs-and-services/conservation-programs/grassland-reserve/index>); however, further information about the program, including payment amounts, eligibility and maintenance criteria, and land requirements may be obtained from the local FSA office.

9.13.2.5 Agricultural Conservation Easement Program

ACEP provides financial and technical assistance to help conserve agricultural lands and wetlands and their related benefits. Under the Agricultural Land Easements component, NRCS helps American Indian tribes, state and local governments, and non-governmental organizations protect working agricultural lands and limit non-agricultural uses of the land. Land protected by agricultural land easements provides additional public benefits, including environmental quality, historic preservation, wildlife habitat, and protection of open space. Under the Wetlands Reserve Easements component, NRCS helps to restore, protect, and enhance enrolled wetlands. Wetland Reserve Easements provide habitat for fish and wildlife, including threatened and endangered species, improve water quality by filtering sediments and chemicals, reduce flooding, recharge groundwater, protect biological diversity and provide opportunities for educational, scientific and limited recreational activities.

Agricultural Land Easements: NRCS provides financial assistance to eligible partners purchase Agricultural Land Easements that protect the agricultural use and conservation values of eligible land. In the case of working farms, the program helps farmers and ranchers keep their land in agriculture. The program also protects grazing uses and related conservation values by conserving grassland, including rangeland, pastureland and shrubland. Land eligible for

agricultural easements includes cropland, rangeland, grassland, pastureland and non-industrial private forest land. NRCS will prioritize applications that protect agricultural uses and related conservation values of the land and those that maximize the protection of contiguous acres devoted to agricultural use.

To enroll land through agricultural land easements, NRCS enters into cooperative agreements with eligible partners. Each easement is required to have an agricultural land easement plan that promotes the long-term viability of the land. Under the Agricultural Land component, NRCS may contribute up to 50 percent of the fair market value of the agricultural land easement. Where NRCS determines that grasslands of special environmental significance will be protected, NRCS may contribute up to 75 percent of the fair market value of the agricultural land easement.

Wetland Reserve Easements: NRCS also provides technical and financial assistance to restore, protect, and enhance wetlands through the purchase of a wetland reserve easement. These agreements include the right for NRCS to develop and implement a wetland reserve restoration easement plan to restore, protect, and enhance the wetland's functions and values. Land eligible for wetland reserve easements includes farmed or converted wetland that can be successfully and cost-effectively restored. NRCS will prioritize applications based the easement's potential for protecting and enhancing habitat for migratory birds and other wildlife. For acreage owned by an Indian tribe, there is an additional enrollment option of a 30-year contract. Through the wetland reserve enrollment options, NRCS may enroll eligible land through one of the following:

- **Permanent Easements** – These are conservation easements in perpetuity. NRCS pays 100 percent of the easement value for the purchase of the easement. Additionally, NRCS pays between 75 to 100 percent of the restoration costs.
- **30-year Easements** – These expire after 30 years. Under 30-year easements, NRCS pays 50 to 75 percent of the easement value for the purchase of the easement. Additionally, NRCS pays between 50 to 75 percent of the restoration costs.
- **Term Easements** – Term easements are easements made for the maximum duration allowed under applicable State laws. NRCS pays 50 to 75 percent of the easement value for the purchase of the term easement. Additionally, NRCS pays between 50 to 75 percent of the restoration costs.
- **30-year Contracts** – 30-year contracts are only available to enroll acreage owned by Indian tribes, and program payment rates are commensurate with 30-year easements.

For wetland reserve easements, NRCS pays all costs associated with recording the easement in the local land records office, including recording fees, charges for abstracts, survey and appraisal fees, and title insurance.

Wetland Reserve Enhancement Partnership – The 2014 Farm Bill replaced the Wetland Reserve Enhancement Program with the Wetland Reserve Enhancement Partnership (WREP) as an enrollment option under ACEP. WREP continues to be a voluntary program through which NRCS signs agreements with eligible partners to leverage resources to carry out high priority wetland protection, restoration, and enhancement and to improve wildlife habitat.

- Partner benefits through WREP agreements include:
 - Wetland restoration and protection in critical areas
 - Ability to cost-share restoration or enhancement beyond NRCS requirements through leveraging
 - Able to participate in the management or monitoring of selected project locations
 - Ability to use innovative restoration methods and practices

In 2016, NRCS made \$15 million in financial and technical assistance available to help eligible conservation partners leverage local resources to voluntarily protect, restore, and enhance critical wetlands on private and tribal agricultural land nationwide. The funding is provided through the WREP, a special enrollment option under the Agricultural Conservation Easement Program. Proposals were due to the local NRCS offices by May 16, 2016; however, landowners should check with the NRCS to see about applying in future years. To enroll land eligible partners may submit proposals to the local NRCS office.

9.13.2.6 Environmental Quality Incentive Program

EQIP is a voluntary program that provides financial and technical assistance to agricultural producers to plan and implement conservation practices that improve soil, water, plant, animal, air, and related natural resources on agricultural land and non-industrial private forestland. Through EQIP, the NRCS develops contracts with agricultural producers to implement conservation practices to address environmental natural resource problems. Persons engaged in livestock or agricultural production and owners of non-industrial private forestland are eligible for the program. Eligible land includes cropland, rangeland, pastureland, private non-industrial forestland, and other farm or ranch lands. Eligible applicants must, at a minimum, meet the following criteria; additional program requirements may apply:

- Be agricultural producer (person, legal entity, or joint operation who has an interest in the agricultural operation, or who is engaged in agricultural production or forestry management).
- Control or own eligible land.
- Comply with adjusted gross income for less than \$900,000. Note: Federally recognized Native American Indian Tribes or Alaska Native corporations are exempt from the adjusted gross income payment limitations.
- Be in compliance with the highly erodible land and wetland conservation requirements.
- Develop an NRCS EQIP plan of operations that addresses at least one natural resource concern

Persons interested in entering into a cost-share agreement with the NRCS for EQIP assistance may file an application at any time; however, each state may establish deadlines for one or more application periods in which to consider eligible applications for funding. Applications submitted

after the deadlines will be evaluated and considered for funding during later funding opportunities.

As part of the program, a Conservation Activity Plan (can be developed for producers to address a specific natural resource concern on their agricultural operation. Each plan is developed by a certified Technical Service Provider, who is selected by the EQIP participant. Technical assistance payments for Technical Service Providers do not count against the financial assistance aggregate payment limitation or the contract financial assistance payment limitation. The plan becomes the basis of the EQIP contract between NRCS and the participant, and the contracts can be up to 10 years in duration. Financial assistance payments are made to eligible producers once conservation practices are completed according to NRCS requirements. Payment rates are set for each fiscal year and are attached to the EQIP contract when it is approved.

Historically underserved producers (limited resource farmers/ranchers, beginning farmers/ranchers, socially disadvantaged producers, Indian Tribes, and veteran farmer or ranchers) who self-certify on Form NRCS-CPA-1200, Conservation Program Application are eligible for a higher practice payment rate to support implementation of contracted conservation practices and activities. Historically underserved producers may also be issued advance payments up to 50 percent of the established payment rate to go toward purchasing materials or contracting services to begin installation of approved conservation practices. Self-certified socially disadvantaged farmer/rancher, beginning farmer/rancher, and veteran farmer/rancher producers may elect to be evaluated in special EQIP funding pools. More information can be obtained from the local NRCS office.

EQIP provides payments up to 75 percent of the incurred costs and 100 percent estimated income foregone of certain conservation practices and activities. Payments received by producers through EQIP contracts after February 7, 2014 may not exceed \$450,000 for all EQIP contracts entered into during the period from 2014 to 2018. Payment limitations for organic production may not exceed an aggregate \$20,000 per fiscal year or \$80,000 during any 6-year period for installing conservation practices.

Conservation practices eligible for EQIP funding which are recommended BMPs for this watershed TMDL include filter strips, conservation tillage, grade stabilization structures, grass waterways, riparian buffers, streambank/shoreline protection, terraces, and wetland restoration. More information regarding state and local EQIP implementation can be found at <http://www.nrcs.usda.gov/wps/portal/nrcs/main/il/programs/financial/eqip/>.

9.13.3 Local Program Contact Information

The FSA administers the CRP and GRP. NRCS administers the ACEP, CSP, and EQIP. IDA administers the CPP and SSRP. Local contact information for counties containing some portion of the Little Vermilion River (LaSalle County) watershed are listed in the **Table 9-5**.

Table 9-5 Local FSA, NRCS, and IDA Contact Information

County	Address	Phone
State FSA Office		
	Illinois State FSA Office 3500 Wabash Avenue Springfield, IL 62711	(217) 241-6600
Local NRCS/SWCD Office		
LaSalle County	1691 N. 31st Road Ottawa, IL 61350	(815) 433-0551
Bureau County	312 E. Backbone Road, Suite A Princeton, IL 61356	(815) 875-8732
Local IDA Office		
	P.O. Box 19281, State Fairgrounds Springfield, IL 62794-9281	(217) 782-6297

9.14 Planning Level Cost Estimates for Implementation Measures

Cost estimates for different implementation measures are presented in **Table 9-6**. The column labeled "Program" or "Sponsor" lists the financial assistance program or sponsor available for various BMPs (as discussed in Section 9.13). IEPA 319 Grants are applicable to all of the practices.

Table 9-6 Cost Estimates of Various BMP Measures

BMP	Units	Installation Cost	Program	Sponsor(s)
Filter strip (seeded)	per ac	\$520 - \$639, avg \$594	CRP	NRCS, IDA
Riparian buffer – bare-root shrubs	each	\$1.10 - \$1.65	CRP	NRCS, IDA
– forested	per ac	\$741		
– herbaceous cover	per ac	\$642		
– land preparation	per ac	\$38		
Nutrient management	per ac	\$13 - \$45	EQIP	NRCS
Nutrient management plan – federal	per ac	\$1,741 - \$2,902	EQIP	NRCS
– state	per plan	\$13	NMP Project	IDA, Illinois EPA
Livestock exclusion			EQIP	NRCS
Fencing – permanent high-tensile, 1 strand	per ft	\$0.79		
– permanent high-tensile, 2-3 strands	per ft	\$1.16		
– permanent high-tensile, 4-6 strands	per ft	\$1.42		
– permanent high-tensile, 7 or more strands	per ft	\$1.78		
– barbed wire, multi-strand	per ft	\$1.62		
– woven wire	per ft	\$1.96		
Alternate water			EQIP	NRCS
– access ramp	per SF	\$1.44		
– tanks, at or above ground	each	\$153 - \$3,717;		

BMP	Units	Installation Cost	Program	Sponsor(s)
– tanks, at or above ground, heavy use protection	per SF	\$0.86 - \$4.91		
– tanks, frost-free waterer	each	\$1,011		
– tank, below ground	each	\$3,600		
– tank, below ground, pipeline and pump	per ft each	\$1.94 - \$3.38/ft for pipeline, \$961/pump		
Water and sediment control basin	per CY	avg \$2.70	CPP	IDA
– underground outlet, plastic	per ft	\$2.27		
Terraces	per ft	\$1.66 - \$5.39	CPP	IDA
Bank stabilization			SSRP	IDA
– weirs/rock riffles	each	\$2,448 - \$6,305		
– stream barb/bendway weir with longitudinal peaked stone toe	per ft	\$27.27 - \$52.50		
– bank armor	per CY	\$37.55		
Grade stabilization			CPP, SSRP	IDA
– concrete block chutes	per SF	\$7.81		
– rip rap-lined (rock) chute	per CY	\$48.73		
– gully pipe structure	per CY	\$5.20		
– overfall structure	per SF	\$119.11 - \$194.01		
– pipe drop grade structure	per SF	\$10.24		
Grassed waterway	per ac	\$2,568 - \$4,916	CPP CRP	IDA NRCS
Conservation tillage			EQIP	NRCS, IDA
– no-till/strip-till	per ac	\$16		
– mulch-till	per ac	\$4.21		
– ridge-till	per ac	\$30		
Contour farming	per ac	\$6.06	EQIP	NRCS
Wetland – enhancement/restoration	per ac	\$1,167 - \$3,680	ACEP	NRCS
– constructed	per ac	\$7,725 - \$10,286		
Vegetation and mulch as needed for various BMPs, such as alternate water access ramp and WASCObS	per ac	\$716 for vegetation, \$238 for mulch	See corresponding program and sponsor listed above	
Septic system maintenance	per event	\$250 - \$350	Private system owner	

ac = acre
ft = foot

CY = cubic yard
SF = square foot

9.15 Milestones and Monitoring

9.15.1 Interim Measurable Milestones and Schedule

Successful plan implementation relies on establishing and tracking milestones to measure progress. **Table 9-7** proposes a schedule for meeting general milestones. Stakeholders should evaluate milestone progress on an annual basis and implement adaptive management to modify the management measures, milestones, and schedule as necessary.

Table 9-7 Implementation Milestones

Milestones	Description	Estimated Schedule
Funding	Develop grant application(s)	Short term: by end of 2020
Implement Short-term Projects	Identify and implement short-term pilot projects that can be completed (i.e., willing landowners and available funding)	Mid-term: 2-5 years
Monitoring	Implement monitoring plan	Continuous: 1-20 years
Annual Stakeholder meetings	Stakeholders will convene once a year to gauge progress and discuss evolving needs and planned activities	Annually
Implement Larger Projects	Identify and implement larger projects. These projects are more likely to have multiple funding sources and stakeholders.	Mid- Term: 5-10 years
Education and outreach	Prepare and implement and education and outreach plan. Conduct at least two public meetings annually.	Immediate: 1-2 years

Implementation of the management actions outlined in this section should occur in phases, often over the course of several years, with effectiveness assessments made as improvements are completed. The process of obtaining funding, and developing and implementing projects designed to improve water quality, can take months or years to complete and once in place, improvements in water quality as a result of BMPs may not be detectable for several years. Continued monitoring and reevaluation of the implementation measures during this time will allow for more expedient adjustment to BMP implementation measures that may result in earlier attainment of water quality targets.

More specific implementation milestones for waste load reductions correspond with permitting updates and continued RCRA work in the watershed. Measurable milestones currently established in the watershed include:

- The Long Term Control Plan for LaSalle CSOs – interim dates and milestones can be found in Special Condition 15 (Item O) of permit IL0029424 with a final construction/implementation deadline of December 31, 2025.
- The Record of Decision for the Matthiessen and Hegeler Company is due from the USEPA in 2017 which will document and establish the cleanup plan at the site.

9.15.2 Monitoring Plan

The purpose of the monitoring plan for the Little Vermilion River (LaSalle County) watershed is to assess the overall implementation of the management actions outlined in this section. This can be accomplished by conducting the monitoring programs designed to:

- Track implementation of BMPs in the watershed – maintain log of projects as funding is secured and construction/implementation occurs
- Estimate effectiveness of BMPs – complete targeted monitoring pre and post implementation as well as upstream and downstream of installed BMP to calculate percent reduction of parameter of concern

- Further monitor point source discharges in the watershed – add monitoring requirements for all facilities for impairment parameters in receiving waters
- Continue low-flow and visual monitoring of impaired stream segments and tributaries for total phosphorus, total zinc, chloride, fecal coliform, and TSS
- Monitor storm-based high flow events – including instream measurements as well as stormwater and CSO outfalls.

Tracking the implementation of the management measures can be used to:

- Determine the extent to which the management measures and practices have been implemented compared to the actions needed to meet the TMDL endpoints
- Establish a baseline from which decisions can be made regarding the need for additional incentives for implementation efforts
- Measure the extent of voluntary implementation efforts
- Support the work-load and costing analyses for assistance or regulatory programs
- Determine the extent to which management measures are properly maintained and operated

Estimating the effectiveness of the BMPs implemented in the watershed could be completed by monitoring before and after the BMP is incorporated into the watershed. Additional monitoring could be conducted on specific structural systems such as a sediment control basin. Inflow and outflow measurements could be conducted to determine site-specific removal efficiency.

Illinois EPA conducts Intensive Basin Surveys every 5 years. Additionally, select ambient sites are monitored nine times a year. Continuation of this state monitoring program will assess stream water quality as improvements in the watershed are completed. This data will also be used to assess whether water quality standards in the impaired segments are being attained.

Students and staff members from the Illinois Valley Community College (IVCC) have been monitoring the water in the Little Vermilion River and sending results to the EPA for a number of years. The IVCC river testing is sponsored by the Chem Club and is a part of the nationwide Rivers Project. While the river testing is not directly associated with Illinois EPA's TMDL development program, the test results do reveal the quality of the water and how that quality is changing. Retired chemistry instructor Robert Byrne organizes the river testing.

Multiple stakeholders expressed the desire to add additional permanent monitoring stations along the Little Vermilion River to continue to monitor zinc concentrations and bacteria counts. Targeted monitoring could be focused on areas upstream and downstream of suspected contributors such as the known slag pile for zinc and unsewered areas and/or areas known to be used for grazing for fecal coliform.

9.15.3 Success Criteria

Measuring the plan's success depends largely on tracking the milestones outlined above. Implementing BMPs should equate to improved water quality and attainment of designated uses and water quality standards. Monitoring pollutant-load reductions will be the primary success criteria. Key components include:

- Securing funding for priority projects within 5 years
- Meeting the identified milestones in **Table 9-7**
- Meeting 25-50% of target reductions within 10 years
- Meeting 100% of target reductions within 20 years
- Utilizing adaptive management to ensure best practices
- Delisting of the impaired waterbodies

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Section 10

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Appendix A

Land Use Categories

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Land Cover Code	Land Cover Category	Area (acres)	Percentage	Category
1	Corn	36,943	45.9%	agriculture
5	Soybeans	22,332	27.8%	agriculture
176	Grass/Pasture	5,858	7.3%	Forest/Grassland/Barren
122	Developed/Low Intensity	4,199	5.2%	Developed
121	Developed/Open Space	3,565	4.4%	Developed
141	Deciduous Forest	3,525	4.4%	Forest/Grassland/Barren
123	Developed/Med Intensity	1,432	1.8%	Developed
124	Developed/High Intensity	704	0.88%	Developed
24	Winter Wheat	516	0.64%	agriculture
36	Alfalfa	461	0.57%	agriculture
111	Open Water	397	0.49%	Water and Wetlands
12	Sweet Corn	124	0.15%	agriculture
131	Barren	121	0.15%	Forest/Grassland/Barren
53	Peas	110	0.14%	agriculture
44	Other Crops	44	<0.1%	agriculture
190	Woody Wetlands	34	<0.1%	Water and Wetlands
61	Fallow/Idle Cropland	13	<0.1%	agriculture
37	Other Hay/Non Alfalfa	12	<0.1%	agriculture
26	Winter Wheat & Soybeans	9.3	<0.1%	agriculture
23	Spring Wheat	8.9	<0.1%	agriculture
195	Herbaceous Wetlands	3.3	<0.1%	Water and Wetlands
42	Dry Beans	3.3	<0.1%	agriculture
76	Walnuts	1.8	<0.1%	agriculture
229	Pumpkins	1.3	<0.1%	agriculture
28	Oats	1.1	<0.1%	agriculture
59	Sod/Grass Seed	0.22	<0.1%	agriculture
225	Winter Wheat & Corn	0.22	<0.1%	agriculture
	Total	80,420		

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Appendix B

SSURGO Soil Series

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Hydrologic Soil Group	Acres	Percent Watershed
NA	1639.67	2.04
A	197.56	0.25
A/D	76.42	0.10
B	31377.34	39.02
B/D	33978.10	42.25
C	11565.95	14.38
C/D	909.87	1.13
D	668.68	0.83
	80,414	100

SSURGO Soil Series Code	SSURGO Soil Series Code Definition	Acres	Percent of Watershed
103A	Houghton muck, 0 to 2 percent slopes	40.89	0.05
104A	Virgil silt loam, 0 to 2 percent slopes	488.80	0.61
105A	Batavia silt loam, 0 to 2 percent slopes	53.02	0.07
105B	Batavia silt loam, 2 to 5 percent slopes	710.09	0.88
105C2	Batavia silt loam, 5 to 10 percent slopes, eroded	152.61	0.19
131B	Alvin fine sandy loam, 2 to 5 percent slopes	14.77	0.02
134B	Camden silt loam, 2 to 5 percent slopes	17.79	0.02
134C2	Camden silt loam, 5 to 10 percent slopes, eroded	348.08	0.43
134D2	Camden silt loam, 10 to 18 percent slopes, eroded	123.22	0.15
134D3	Camden soils, 7 to 20 percent slopes, severely eroded	19.67	0.02
134F	Camden silt loam, 18 to 35 percent slopes	5.08	0.01
148B	Proctor silt loam, 2 to 5 percent slopes	68.97	0.09
148C2	Proctor silt loam, 5 to 10 percent slopes, eroded	30.63	0.04
149A	Brenton silt loam, 0 to 2 percent slopes	29.80	0.04
151A	Ridgeville fine sandy loam, 0 to 2 percent slopes	12.24	0.02
152A	Drummer silty clay loam, 0 to 2 percent slopes	5060.19	6.29
154A	Flanagan silt loam, 0 to 2 percent slopes	56.13	0.07
154A	Flanagan silt loam, 0 to 2 percent slopes	325.61	0.40
171A	Catlin silt loam, 0 to 2 percent slopes	41.86	0.05
171B	Catlin silt loam, 2 to 5 percent slopes	2251.52	2.80
171B2	Catlin silt loam, 2 to 5 percent slopes, eroded	117.82	0.15
171B2	Catlin silt loam, 2 to 5 percent slopes, eroded	1007.34	1.25
171C2	Catlin silt loam, 5 to 10 percent slopes, eroded	30.81	0.04
171C2	Catlin silt loam, 5 to 10 percent slopes, eroded	5171.45	6.43
171C3	Catlin silty clay loam, 5 to 10 percent slopes, severely eroded	494.13	0.61
193C2	Mayville silt loam, 5 to 10 percent slopes, eroded	107.62	0.13
198A	Elburn silt loam, 0 to 2 percent slopes	1320.02	1.64
199A	Plano silt loam, 0 to 2 percent slopes	22.80	0.03
199B	Plano silt loam, 2 to 5 percent slopes	1143.68	1.42
199C2	Plano silt loam, 5 to 10 percent slopes, eroded	281.90	0.35

SSURGO Soil Series Code	SSURGO Soil Series Code Definition	Acres	Percent of Watershed
206A	Thorp silt loam, 0 to 2 percent slopes	229.86	0.29
210A	Lena muck, 0 to 2 percent slopes	23.29	0.03
223C3	Varna silty clay loam, 4 to 6 percent slopes, severely eroded	36.24	0.05
223D2	Varna silt loam, 6 to 12 percent slopes, eroded	117.16	0.15
223D3	Varna silty clay loam, 6 to 12 percent slopes, severely eroded	102.91	0.13
233A	Birkbeck silt loam, 0 to 2 percent slopes	2.81	0.00
233B	Birkbeck silt loam, 2 to 5 percent slopes	407.02	0.51
233C2	Birkbeck silt loam, 5 to 10 percent slopes, eroded	1155.57	1.44
234A	Sunbury silt loam, 0 to 2 percent slopes	51.78	0.06
236A	Sabina silt loam, 0 to 2 percent slopes	100.05	0.12
241D3	Chatsworth silty clay, 6 to 12 percent slopes, severely eroded	4.19	0.01
241E3	Chatsworth silty clay, 12 to 20 percent slopes, severely eroded	36.15	0.04
241F	Chatsworth silty clay loam, 20 to 30 percent slopes	30.44	0.04
241G	Chatsworth silty clay loam, 30 to 50 percent slopes	90.18	0.11
242A	Kendall silt loam, 0 to 2 percent slopes	74.92	0.09
243A	St. Charles silt loam, 0 to 2 percent slopes	3.01	0.00
243B	St. Charles silt loam, 2 to 5 percent slopes	408.96	0.51
243C2	St. Charles silt loam, 5 to 10 percent slopes, eroded	585.92	0.73
278A	Stronghurst silt loam, 0 to 2 percent slopes	359.49	0.45
278B	Stronghurst silt loam, 2 to 5 percent slopes	394.93	0.49
279B	Rozetta silt loam, 2 to 5 percent slopes	1308.14	1.63
280C2	Fayette silt loam, 5 to 10 percent slopes, eroded	580.73	0.72
290C2	Warsaw loam, 4 to 6 percent slopes, eroded	9.75	0.01
3073A	Ross silt loam, 0 to 2 percent slopes, frequently flooded	571.52	0.71
3082A	Millington silt loam, 0 to 2 percent slopes, frequently flooded	16.42	0.02
3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded	1363.95	1.70
311B	Ritchey silt loam, 2 to 4 percent slopes	7.04	0.01
325B	Dresden silt loam, 2 to 4 percent slopes	17.81	0.02
325C2	Dresden silt loam, 4 to 6 percent slopes, eroded	45.79	0.06
327C2	Fox silt loam, 4 to 6 percent slopes, eroded	99.39	0.12
327D2	Fox loam, 6 to 12 percent slopes, eroded	64.61	0.08
330A	Peotone silty clay loam, 0 to 2 percent slopes	159.28	0.20
3321A	Du Page silt loam, 0 to 2 percent slopes, frequently flooded	67.99	0.08
344B	Harvard silt loam, 2 to 5 percent slopes	26.28	0.03
344C2	Harvard silt loam, 5 to 10 percent slopes, eroded	47.24	0.06
3451A	Lawson silt loam, 0 to 2 percent slopes, frequently flooded	666.36	0.83
356A	Elpaso silty clay loam, 0 to 2 percent slopes	1368.45	1.70
3800A	Psamments, 0 to 2 percent slopes, frequently flooded	0.03	0.00
397F	Boone loamy fine sand, 15 to 35 percent slopes	182.76	0.23
512B	Danabrook silt loam, 2 to 5 percent slopes	4.88	0.01
512C2	Danabrook silt loam, 5 to 10 percent slopes, eroded	49.41	0.06

SSURGO Soil Series Code	SSURGO Soil Series Code Definition	Acres	Percent of Watershed
51A	Muscataune silt loam, 0 to 2 percent slopes	2.50	0.00
51A	Muscataune silt loam, 0 to 2 percent slopes	7982.12	9.93
527D2	Kidami loam, 6 to 12 percent slopes, eroded	12.09	0.02
530C2	Ozaukee silt loam, 4 to 6 percent slopes, eroded	67.49	0.08
530C3	Ozaukee silty clay loam, 4 to 6 percent slopes, severely eroded	3.96	0.00
530D2	Ozaukee silt loam, 6 to 12 percent slopes, eroded	31.93	0.04
530D3	Ozaukee silty clay loam, 6 to 12 percent slopes, severely eroded	16.68	0.02
530E2	Ozaukee silt loam, 12 to 20 percent slopes, eroded	48.01	0.06
541B	Graymont silt loam, 2 to 5 percent slopes	46.78	0.06
541B2	Graymont silt loam, 2 to 5 percent slopes, eroded	72.51	0.09
541C2	Graymont silt loam, 5 to 10 percent slopes, eroded	473.54	0.59
549B	Marseilles silt loam, 2 to 5 percent slopes	86.13	0.11
549C2	Marseilles silt loam, 5 to 10 percent slopes, eroded	85.41	0.11
549D2	Marseilles silty loam, 10 to 18 percent slopes, eroded	28.96	0.04
549F	Marseilles silt loam, 18 to 35 percent slopes	124.74	0.16
549G	Marseilles silt loam, 35 to 60 percent slopes	148.24	0.18
572B	Loran silt loam, 2 to 5 percent slopes	4.53	0.01
60C2	La Rose silt loam, 5 to 10 percent slopes, eroded	45.61	0.06
60D2	La Rose silt loam, 10 to 18 percent slopes, eroded	15.79	0.02
614B	Chenoa silty clay loam, 2 to 5 percent slopes	43.29	0.05
61A	Atterberry silt loam, 0 to 2 percent slopes	433.78	0.54
61B	Atterberry silt loam, 2 to 5 percent slopes	1701.53	2.12
662B	Barony silt loam, 2 to 5 percent slopes	9.56	0.01
663B	Clare silt loam, 2 to 5 percent slopes	10.64	0.01
667B	Kaneville silt loam, 2 to 5 percent slopes	45.61	0.06
675B	Greenbush silt loam, 2 to 5 percent slopes	345.94	0.43
675C2	Greenbush silt loam, 5 to 10 percent slopes, eroded	271.22	0.34
679B	Blackberry silt loam, 2 to 5 percent slopes	972.38	1.21
67A	Harpster silty clay loam, 0 to 2 percent slopes	2462.97	3.06
680B	Campton silt loam, 2 to 5 percent slopes	49.06	0.06
68A	Sable silty clay loam, 0 to 2 percent slopes	10581.34	13.16
68A+	Sable silt loam, 0 to 2 percent slopes, overwash	27.80	0.03
705A	Buckhart silt loam, 0 to 2 percent slopes	5.99	0.01
712A	Spaulding silty clay loam, 0 to 2 percent slopes	888.45	1.10
732A	Appleriver silt loam, 0 to 2 percent slopes	100.63	0.13
732B	Appleriver silt loam, 2 to 5 percent slopes	26.29	0.03
791B	Rush silt loam, 2 to 4 percent slopes	20.79	0.03
792A	Bowes silt loam, 0 to 2 percent slopes	30.82	0.04
792B	Bowes silt loam, 2 to 4 percent slopes	86.51	0.11
794G	Marseilles, Northfield, and Ritchey silt loams, 30 to 60 percent slopes	397.74	0.49
802B	Orthents, loamy, undulating	665.10	0.83

SSURGO Soil Series Code	SSURGO Soil Series Code Definition	Acres	Percent of Watershed
802D	Orthents, loamy, hilly	33.19	0.04
804D	Orthents, acid, undulating and rolling	37.42	0.05
805B	Orthents, clayey, undulating	113.35	0.14
8073A	Ross silt loam, 0 to 2 percent slopes, occasionally flooded	64.28	0.08
814A	Muscatune-Buckhart silt loams, 0 to 3 percent slopes	11566.69	14.38
818A	Flanagan-Catlin silt loams, 0 to 3 percent slopes	3174.78	3.95
820E	Hennepin-Casco complex, 12 to 30 percent slopes	354.24	0.44
820G	Hennepin-Casco complex, 30 to 60 percent slopes	50.11	0.06
864	Pits, quarries	393.58	0.49
865	Pits, gravel	846.13	1.05
86B	Oscosilt loam, 2 to 5 percent slopes	3497.68	4.35
86C2	Oscosilt loam, 5 to 10 percent slopes, eroded	886.18	1.10
969E2	Casco-Rodman complex, 12 to 20 percent slopes, eroded	35.15	0.04
969F	Casco-Rodman complex, 20 to 30 percent slopes	65.15	0.08
M-W	Miscellaneous water	46.41	0.06
W	Water	353.56	0.44
		80,414	100

Appendix C

Historical Water Quality Data

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Segment	Station	Date	Time	Parameter	Type	Result	Units
Little Vermilion River	DR 01	1999-02-05		ZINC,Dissolved ug/l		100	ug/l
Little Vermilion River	DR 01	1999-03-17		ZINC,Dissolved ug/l		100	ug/l
Little Vermilion River	DR 01	1999-04-14		ZINC,Dissolved ug/l		150	ug/l
Little Vermilion River	DR 01	1999-06-08		ZINC,Dissolved ug/l		110	ug/l
Little Vermilion River	DR 01	1999-07-09		ZINC,Dissolved ug/l		170	ug/l
Little Vermilion River	DR 01	1999-08-04		ZINC,Dissolved ug/l		190	ug/l
Little Vermilion River	DR 01	1999-09-21		ZINC,Dissolved ug/l		430	ug/l
Little Vermilion River	DR 01	1999-11-22		ZINC,Dissolved ug/l		380	ug/l
Little Vermilion River	DR 01	2000-01-27		ZINC,Dissolved ug/l		380	ug/l
Little Vermilion River	DR 01	2000-04-24		ZINC,Dissolved ug/l		100	ug/l
Little Vermilion River	DR 01	2000-05-23		ZINC,Dissolved ug/l		100	ug/l
Little Vermilion River	DR 01	2000-07-13		ZINC,Dissolved ug/l		100	ug/l
Little Vermilion River	DR 01	2000-08-15		ZINC,Dissolved ug/l		260	ug/l
Little Vermilion River	DR 01	2000-10-18		ZINC,Dissolved ug/l		490	ug/l
Little Vermilion River	DR 01	2000-11-29		ZINC,Dissolved ug/l		280	ug/l
Little Vermilion River	DR 01	2001-01-17		ZINC,Dissolved ug/l		150	ug/l
Little Vermilion River	DR 01	2001-02-28		ZINC,Dissolved ug/l		100	ug/l
Little Vermilion River	DR 01	2001-04-17		ZINC,Dissolved ug/l		100	ug/l
Little Vermilion River	DR 01	2001-05-24		ZINC,Dissolved ug/l		130	ug/l
Little Vermilion River	DR 01	2001-06-28		ZINC,Dissolved ug/l		150	ug/l
Little Vermilion River	DR 01	2001-12-03		ZINC,Dissolved ug/l		100	ug/l
Little Vermilion River	DR 01	2002-02-08		ZINC,Dissolved ug/l		130	ug/l
Little Vermilion River	DR 01	2002-04-01		ZINC,Dissolved ug/l		150	ug/l
Little Vermilion River	DR 01	2002-06-05		ZINC,Dissolved ug/l		100	ug/l
Little Vermilion River	DR 01	2002-06-27		ZINC,Dissolved ug/l		100	ug/l
Little Vermilion River	DR 01	2002-08-09		ZINC,Dissolved ug/l		170	ug/l
Little Vermilion River	DR 01	2002-09-25		ZINC,Dissolved ug/l		280	ug/l
Little Vermilion River	DR 01	2002-11-04		ZINC,Dissolved ug/l		320	ug/l
Little Vermilion River	DR 01	2002-12-26		ZINC,Dissolved ug/l		600	ug/l
Little Vermilion River	DR 01	2003-03-24		ZINC,Dissolved ug/l		220	ug/l
Little Vermilion River	DR 01	2003-04-28		ZINC,Dissolved ug/l		230	ug/l
Little Vermilion River	DR 01	2003-06-16		ZINC,Dissolved ug/l		220	ug/l
Little Vermilion River	DR 01	2003-07-15		ZINC,Dissolved ug/l		140	ug/l
Little Vermilion River	DR 01	2003-08-26		ZINC,Dissolved ug/l		370	ug/l
Little Vermilion River	DR 01	2003-10-02		ZINC,Dissolved ug/l		400	ug/l
Little Vermilion River	DR 01	2003-11-17		ZINC,Dissolved ug/l		540	ug/l
Little Vermilion River	DR-01	2004-01-12		Zinc	Dissolved	300	ug/l
Little Vermilion River	DR-01	2004-02-10		Zinc	Dissolved	910	ug/l
Little Vermilion River	DR-01	2004-03-23		Zinc	Dissolved	110	ug/l
Little Vermilion River	DR-01	2004-05-06		Zinc	Dissolved	93	ug/l
Little Vermilion River	DR-01	2004-06-08		Zinc	Dissolved	82	ug/l
Little Vermilion River	DR-01	2004-07-22		Zinc	Dissolved	93	ug/l
Little Vermilion River	DR-01	2004-09-01		Zinc	Dissolved	120	ug/l
Little Vermilion River	DR-01	2004-09-28		Zinc	Dissolved	6.5	ug/l
Little Vermilion River	DR-01	2004-10-13		Zinc	Dissolved	190	ug/l
Little Vermilion River	DR-01	2004-12-13		Zinc	Dissolved	67	ug/l

Segment	Station	Date	Time	Parameter	Type	Result	Units
Little Vermilion River	DR-01	2005-01-20		Zinc	Dissolved	130	ug/l
Little Vermilion River	DR-01	2005-02-28		Zinc	Dissolved	71	ug/l
Little Vermilion River	DR-01	2005-04-04		Zinc	Dissolved	74	ug/l
Little Vermilion River	DR-01	2005-05-17		Zinc	Dissolved	120	ug/l
Little Vermilion River	DR-01	2005-06-20		Zinc	Dissolved	110	ug/l
Little Vermilion River	DR-01	2005-07-25		Zinc	Dissolved	150	ug/l
Little Vermilion River	DR-01	2005-09-07		Zinc	Dissolved	250	ug/l
Little Vermilion River	DR-01	2005-10-26		Zinc	Dissolved	320	ug/l
Little Vermilion River	DR-01	2005-11-30		Zinc	Dissolved	200	ug/l
Little Vermilion River	DR-01	2006-01-18		Zinc	Dissolved	410	ug/l
Little Vermilion River	DR-01	2006-02-28		Zinc	Dissolved	260	ug/l
Little Vermilion River	DR-01	2006-04-04		Zinc	Dissolved	19	ug/l
Little Vermilion River	DR-01	2006-05-04		Zinc	Dissolved	31	ug/l
Little Vermilion River	DR-01	2006-06-19		Zinc	Dissolved	120	ug/l
Little Vermilion River	DR-01	2006-08-10		Zinc	Dissolved	27	ug/l
Little Vermilion River	DR-01	2006-09-13		Zinc	Dissolved	52	ug/l
Little Vermilion River	DR-01	2006-10-26		Zinc	Dissolved	150	ug/l
Little Vermilion River	DR-01	2006-12-28		Zinc	Dissolved	110	ug/l
Little Vermilion River	DR-01	2007-01-25		Zinc	Dissolved	170	ug/l
Little Vermilion River	DR-01	1999-02-05		Chloride		43.50	mg/l
Little Vermilion River	DR-01	1999-03-17		Chloride		77.90	mg/l
Little Vermilion River	DR-01	1999-04-14		Chloride		118.00	mg/l
Little Vermilion River	DR-01	1999-06-08		Chloride		40.50	mg/l
Little Vermilion River	DR-01	1999-07-09		Chloride		78.30	mg/l
Little Vermilion River	DR-01	1999-08-04		Chloride		101.00	mg/l
Little Vermilion River	DR-01	1999-09-21		Chloride		143.00	mg/l
Little Vermilion River	DR-01	1999-11-22		Chloride		140.00	mg/l
Little Vermilion River	DR-01	2000-01-27		Chloride		123.00	mg/l
Little Vermilion River	DR-01	2000-04-24		Chloride		48.40	mg/l
Little Vermilion River	DR-01	2000-05-23		Chloride		45.00	mg/l
Little Vermilion River	DR-01	2000-07-13		Chloride		34.70	mg/l
Little Vermilion River	DR-01	2000-08-15		Chloride		87.00	mg/l
Little Vermilion River	DR-01	2000-10-18		Chloride		117.00	mg/l
Little Vermilion River	DR-01	2000-11-29		Chloride		78.40	mg/l
Little Vermilion River	DR-01	2001-01-17		Chloride		173.00	mg/l
Little Vermilion River	DR-01	2001-02-28		Chloride		36.40	mg/l
Little Vermilion River	DR-01	2001-04-17		Chloride		51.70	mg/l
Little Vermilion River	DR-01	2001-05-24		Chloride		59.50	mg/l
Little Vermilion River	DR-01	2001-06-28		Chloride		68.70	mg/l
Little Vermilion River	DR-01	2001-12-03		Chloride		46.90	mg/l
Little Vermilion River	DR-01	2002-02-08		Chloride		79.90	mg/l
Little Vermilion River	DR-01	2002-04-01		Chloride		66.30	mg/l
Little Vermilion River	DR-01	2002-06-05		Chloride		23.90	mg/l
Little Vermilion River	DR-01	2002-06-27		Chloride		55.90	mg/l
Little Vermilion River	DR-01	2002-08-09		Chloride		114.00	mg/l
Little Vermilion River	DR-01	2002-09-25		Chloride		283.00	mg/l

Segment	Station	Date	Time	Parameter	Type	Result	Units
Little Vermilion River	DR-01	2003-03-24		Chloride		9880	mg/l
Little Vermilion River	DR-01	2003-04-28		Chloride		34.4	mg/l
Little Vermilion River	DR-01	2003-06-16		Chloride		251	mg/l
Little Vermilion River	DR-01	2003-07-15		Chloride		190	mg/l
Little Vermilion River	DR-01	2003-08-26		Chloride		364	mg/l
Little Vermilion River	DR-01	2003-10-02		Chloride		484	mg/l
Little Vermilion River	DR-01	2003-11-17		Chloride		176	mg/l
Little Vermilion River	DR-01	2004-01-12		Chloride		113	mg/l
Little Vermilion River	DR-01	2004-02-10		Chloride		113	mg/l
Little Vermilion River	DR-01	2004-03-23		Chloride		104	mg/l
Little Vermilion River	DR-01	2004-05-06		Chloride		76.8	mg/l
Little Vermilion River	DR-01	2004-06-08		Chloride		55.6	mg/l
Little Vermilion River	DR-01	2004-07-22		Chloride		105	mg/l
Little Vermilion River	DR-01	2004-09-01		Chloride		116	mg/l
Little Vermilion River	DR-01	2004-09-28		Chloride		124	mg/l
Little Vermilion River	DR-01	2004-10-13		Chloride		174	mg/l
Little Vermilion River	DR-01	2004-12-13		Chloride		59.1	mg/l
Little Vermilion River	DR-01	2005-01-20		Chloride		60.3	mg/l
Little Vermilion River	DR-01	2005-02-28		Chloride		69.1	mg/l
Little Vermilion River	DR-01	2005-04-04		Chloride		70.2	mg/l
Little Vermilion River	DR-01	2005-05-17		Chloride		76	mg/l
Little Vermilion River	DR-01	2005-06-20		Chloride		93.80	mg/l
Little Vermilion River	DR-01	2005-07-25		Chloride		110	mg/l
Little Vermilion River	DR-01	2005-09-07		Chloride		181	mg/l
Little Vermilion River	DR-01	2005-10-26		Chloride		224	mg/l
Little Vermilion River	DR-01	2005-11-30		Chloride		532	mg/l
Little Vermilion River	DR-01	2006-01-18		Chloride		270	mg/l
Little Vermilion River	DR-01	2006-02-28		Chloride		256	mg/l
Little Vermilion River	DR-01	2006-04-04		Chloride		194	mg/l
Little Vermilion River	DR-01	2006-05-04		Chloride		77.1	mg/l
Little Vermilion River	DR-01	2006-06-19		Chloride		358	mg/l
Little Vermilion River	DR-01	2006-08-10		Chloride		90.5	mg/l
Little Vermilion River	DR-01	2006-09-13		Chloride		87	mg/l
Little Vermilion River	DR-01	2006-10-26		Chloride		79.9	mg/l
Little Vermilion River	DR-01	2006-12-28		Chloride		58.4	mg/l
Little Vermilion River	DR-01	2007-01-25		Chloride		51.1	mg/l
Little Vermilion River	DR-01	2009-09-30		Chloride		87.6	mg/l
Little Vermilion River	DR-01	2011-09-02		Chloride		108	mg/l
Little Vermilion River	DR-01	2012-06-12		Chloride		75.1	mg/l
Little Vermilion River	DR-01	2012-07-10		Chloride		129	mg/l
Little Vermilion River	DR-01	2012-09-10		Chloride		143	mg/l
Little Vermilion River	DR-01	2012-10-10		Chloride		132	mg/l
Little Vermilion River	DR-01	2012-11-19		Chloride		397	mg/l
Little Vermilion River	DR-01	1999-06-08		Fecal coliform		340	cfu/100ml
Little Vermilion River	DR-01	2000-07-13		Fecal coliform		2830	cfu/100ml
Little Vermilion River	DR-01	2000-08-15		Fecal coliform		115	cfu/100ml

Segment	Station	Date	Time	Parameter	Type	Result	Units
Little Vermilion River	DR-01	2002-06-05		Fecal coliform		4800	cfu/100ml
Little Vermilion River	DR-01	2002-06-27		Fecal coliform		2700	cfu/100ml
Little Vermilion River	DR-01	2002-08-09		Fecal coliform		181	cfu/100ml
Little Vermilion River	DR-01	2002-09-25		Fecal coliform		33	cfu/100ml
Little Vermilion River	DR-01	2003-06-16		Fecal coliform		107	cfu/100ml
Little Vermilion River	DR-01	2003-07-15		Fecal coliform		160	cfu/100ml
Little Vermilion River	DR-01	2003-08-26		Fecal coliform		67	cfu/100ml
Little Vermilion River	DR-01	2003-10-02		Fecal coliform		147	cfu/100ml
Little Vermilion River	DR-01	2004-05-06		Fecal coliform		55	cfu/100ml
Little Vermilion River	DR-01	2004-06-08		Fecal coliform		190	cfu/100ml
Little Vermilion River	DR-01	2004-07-22		Fecal coliform		100	cfu/100ml
Little Vermilion River	DR-01	2004-09-01		Fecal coliform		140	cfu/100ml
Little Vermilion River	DR-01	2004-09-28		Fecal coliform		180	cfu/100ml
Little Vermilion River	DR-01	2004-10-13		Fecal coliform		80	cfu/100ml
Little Vermilion River	DR-01	2005-06-20		Fecal coliform		100	cfu/100ml
Little Vermilion River	DR-01	2005-07-25		Fecal coliform		2300	cfu/100ml
Little Vermilion River	DR-01	2005-09-07		Fecal coliform		187	cfu/100ml
Little Vermilion River	DR-01	2005-10-26		Fecal coliform		90	cfu/100ml
Little Vermilion River	DR-01	2006-05-04		Fecal coliform		200	cfu/100ml
Little Vermilion River	DR-01	2006-06-19		Fecal coliform		140	cfu/100ml
Little Vermilion River	DR-01	2006-08-10		Fecal coliform		28000	cfu/100ml
Little Vermilion River	DR-01	2006-09-13		Fecal coliform		6300	cfu/100ml
Little Vermilion River	DR-01	2006-10-26		Fecal coliform		160	cfu/100ml
Little Vermilion River	DR-01	2015-05-06		Fecal coliform		613	cfu/100ml
Little Vermilion River	DR-01	2015-05-22		Fecal coliform		41	cfu/100ml
Little Vermilion River	DR-01	2015-06-04		Fecal coliform		84	cfu/100ml
Little Vermilion River	DR-01	2015-06-17		Fecal coliform		3100	cfu/100ml
Little Vermilion River	DR-01	2006-01-18		pH		8.59	
Little Vermilion River	DR-01	2006-02-28		pH		8.77	
Little Vermilion River	DR-01	2006-04-04		pH		8.35	
Little Vermilion River	DR-01	2006-05-04		pH		8.34	
Little Vermilion River	DR-01	2006-06-19		pH		8.21	
Little Vermilion River	DR-01	2006-08-10		pH		8.04	
Little Vermilion River	DR-01	2006-09-13		pH		8.09	
Little Vermilion River	DR-01	2006-10-26		pH		8.24	
Little Vermilion River	DR-01	2006-12-28		pH		8.29	
Little Vermilion River	DR-01	2007-01-25		pH		8.03	
Little Vermilion River	DR-01	2002-11-04		PH		7.56	
Little Vermilion River	DR-01	2002-12-26		PH		8.31	
Little Vermilion River	DR-01	2003-03-24		PH		8.45	
Little Vermilion River	DR-01	2003-04-28		PH		8.33	
Little Vermilion River	DR-01	2003-06-16		PH		8.35	
Little Vermilion River	DR-01	2003-07-15		PH		8.18	
Little Vermilion River	DR-01	2003-08-26		PH		8.28	
Little Vermilion River	DR-01	2003-10-02		PH		8.36	
Little Vermilion River	DR-01	2003-11-17		PH		8.31	

Segment	Station	Date	Time	Parameter	Type	Result	Units
Little Vermilion River	DR-01	1999-02-05		PH		8.13	
Little Vermilion River	DR-01	1999-03-17		PH		7.94	
Little Vermilion River	DR-01	1999-04-14		PH		8.13	
Little Vermilion River	DR-01	1999-06-08		PH		8.14	
Little Vermilion River	DR-01	1999-07-09		PH		8.05	
Little Vermilion River	DR-01	1999-08-04		PH		8.23	
Little Vermilion River	DR-01	1999-09-21		PH		8.29	
Little Vermilion River	DR-01	1999-11-22		PH		8.23	
Little Vermilion River	DR-01	2000-01-27		PH		7.79	
Little Vermilion River	DR-01	2000-04-24		PH		8	
Little Vermilion River	DR-01	2000-05-23		PH		8.18	
Little Vermilion River	DR-01	2000-07-13		PH		8.13	
Little Vermilion River	DR-01	2000-08-15		PH		8.39	
Little Vermilion River	DR-01	2000-10-18		PH		8.28	
Little Vermilion River	DR-01	2000-11-29		PH		8.19	
Little Vermilion River	DR-01	2001-01-17		PH		8.11	
Little Vermilion River	DR-01	2001-02-28		PH		7.38	
Little Vermilion River	DR-01	2001-04-17		PH		8.18	
Little Vermilion River	DR-01	2001-05-24		PH		8.18	
Little Vermilion River	DR-01	2001-06-28		PH		8.24	
Little Vermilion River	DR-01	2001-12-03		PH		8.07	
Little Vermilion River	DR-01	2002-02-08		PH		8.25	
Little Vermilion River	DR-01	2002-04-01		PH		8.27	
Little Vermilion River	DR-01	2002-06-05		PH		9.04	
Little Vermilion River	DR-01	2002-06-27		PH		8.11	
Little Vermilion River	DR-01	2002-08-09		PH		8.28	
Little Vermilion River	DR-01	2002-09-25		PH		8.35	
Little Vermilion River	DR-01	2005-09-07		PH		8.23	
Little Vermilion River	DR-01	2005-11-30		PH		8.63	
Little Vermilion River	DR-01	2004-01-12		PH		11.37	
Little Vermilion River	DR-01	2004-02-10		PH		8.19	
Little Vermilion River	DR-01	2004-03-23		PH		8.42	
Little Vermilion River	DR-01	2004-05-06		PH		8.23	
Little Vermilion River	DR-01	2004-07-22		PH		8.32	
Little Vermilion River	DR-01	2004-06-08		PH		8.05	
Little Vermilion River	DR-01	2004-09-01		PH		8.27	
Little Vermilion River	DR-01	2004-09-28		PH		8.44	
Little Vermilion River	DR-01	2005-07-25		PH		8.2	
Little Vermilion River	DR-01	2004-10-13		PH		8.73	
Little Vermilion River	DR-01	2005-06-20		PH		8.53	
Little Vermilion River	DR-01	2005-10-26		PH		8.39	
Little Vermilion River	DR-01	2004-12-13		PH		8.78	
Little Vermilion River	DR-01	2005-01-20		PH		8.92	
Little Vermilion River	DR-01	2005-02-28		PH		9.1	
Little Vermilion River	DR-01	2005-04-04		PH		8.77	
Little Vermilion River	DR-01	2005-05-17		PH		8.66	

Segment	Station	Date	Time	Parameter	Type	Result	Units
Little Vermilion River	DR-01	2001-05-21		PH		8.13	
Little Vermilion River	DR-01	2001-06-26		PH		8.93	
Little Vermilion River	DR-01	2001-08-07		PH		8.48	
Little Vermilion River	DR-01	2001-09-04		PH		8.84	
Little Vermilion River	DR-01	2001-10-16		PH		7.81	
Little Vermilion River	DR-01	2001-05-21		PH		8.27	
Little Vermilion River	DR-01	2001-06-26		PH		8.75	
Little Vermilion River	DR-01	2001-10-16		PH		7.9	
Little Vermilion River	DR-01	2001-08-07		PH		8.27	
Little Vermilion River	DR-01	2001-09-04		PH		8.62	
Little Vermilion River	DR-01	2001-09-04		PH		8.7	
Little Vermilion River	DR-01	2001-10-16		PH		7.59	
Little Vermilion River	DR-01	2001-05-21		PH		8.36	
Little Vermilion River	DR-01	2001-06-26		PH		8.97	
Little Vermilion River	DR-01	2001-08-07		PH		8.08	
Little Vermilion River	DR-01	2015-05-06		PH		8.15	
Little Vermilion River	DR-01	2015-05-21		PH		8.37	
Little Vermilion River	DR-01	2015-06-03		PH		8.35	
Little Vermilion River	DR-01	2015-06-16		PH		7.64	
Little Vermilion River	DR-01	2015-07-01		PH		8.23	
Little Vermilion River	DR-01	2015-07-22		PH		8.25	
Little Vermilion River	DR-01	2015-08-12		PH		8.47	
Little Vermilion River	DR-01	2015-08-26		PH		8.54	
Little Vermilion River	DR-01	2015-10-15		PH		7.53	
Mendota Creek	DRD-OC-A1	1988-08-03		Dissolved Oxygen		4.4	mg/L
Mendota Creek	DRD-OC-C1	1988-08-03		Dissolved Oxygen		8	mg/L
Mendota Creek	DRD-OC-C2	1988-08-03		Dissolved Oxygen		4.3	mg/L
Mendota Creek	DRD-M-A1	1988-08-03		Dissolved Oxygen		2.4	mg/L
Mendota Creek	DRD-M-C1	1988-08-03		Dissolved Oxygen		6.6	mg/L
Mendota Creek	DRD-M-C2	1988-08-03		Dissolved Oxygen		9.6	mg/L
Mendota Creek	DRD-M-C2	2015-05-06		Dissolved Oxygen		11.51	mg/L
Mendota Creek	DRD-M-C2	2015-05-21		Dissolved Oxygen		11.58	mg/L
Mendota Creek	DRD-M-C2	2015-06-03		Dissolved Oxygen		12.69	mg/L
Mendota Creek	DRD-M-C2	2015-06-16		Dissolved Oxygen		8.16	mg/L
Mendota Creek	DRD-M-C2	2015-07-01		Dissolved Oxygen		9.96	mg/L
Mendota Creek	DRD-M-C2	2015-07-22		Dissolved Oxygen		9.67	mg/L
Mendota Creek	DRD-M-C2	2015-08-12		Dissolved Oxygen		9.73	mg/L
Mendota Creek	DRD-M-C2	2015-08-26		Dissolved Oxygen		10.25	mg/L
Mendota Creek	DRD-M-C2	2015-10-15		Dissolved Oxygen		9.11	mg/L
Little Vermilion River	DR-01	1999-02-05		Phosphorus	Total	0.15	mg/l
Little Vermilion River	DR-01	1999-03-17		Phosphorus	Total	0.05	mg/l
Little Vermilion River	DR-01	1999-04-14		Phosphorus	Total	0.04	mg/l
Little Vermilion River	DR-01	1999-06-08		Phosphorus	Total	0.14	mg/l
Little Vermilion River	DR-01	1999-07-09		Phosphorus	Total	0.05	mg/l
Little Vermilion River	DR-01	1999-08-04		Phosphorus	Total	0.2	mg/l
Little Vermilion River	DR-01	1999-09-21		Phosphorus	Total	0.06	mg/l

Segment	Station	Date	Time	Parameter	Type	Result	Units
Little Vermilion River	DR-01	1999-11-22		Phosphorus	Total	0.06	mg/l
Little Vermilion River	DR-01	2000-01-27		Phosphorus	Total	0.15	mg/l
Little Vermilion River	DR-01	2000-04-24		Phosphorus	Total	0.14	mg/l
Little Vermilion River	DR-01	2000-05-23		Phosphorus	Total	0.14	mg/l
Little Vermilion River	DR-01	2000-07-13		Phosphorus	Total	0.18	mg/l
Little Vermilion River	DR-01	2000-08-15		Phosphorus	Total	0.09	mg/l
Little Vermilion River	DR-01	2000-10-18		Phosphorus	Total	0.1	mg/l
Little Vermilion River	DR-01	2000-11-29		Phosphorus	Total	0.09	mg/l
Little Vermilion River	DR-01	2001-01-17		Phosphorus	Total	0.23	mg/l
Little Vermilion River	DR-01	2001-02-28		Phosphorus	Total	0.26	mg/l
Little Vermilion River	DR-01	2001-04-17		Phosphorus	Total	0.05	mg/l
Little Vermilion River	DR-01	2001-05-24		Phosphorus	Total	0.1	mg/l
Little Vermilion River	DR-01	2001-06-28		Phosphorus	Total	0.07	mg/l
Little Vermilion River	DR-01	2001-12-03		Phosphorus	Total	0.08	mg/l
Little Vermilion River	DR-01	2002-02-08		Phosphorus	Total	0.08	mg/l
Little Vermilion River	DR-01	2002-04-01		Phosphorus	Total	0.02	mg/l
Little Vermilion River	DR-01	2002-06-05		Phosphorus	Total	0.69	mg/l
Little Vermilion River	DR-01	2002-06-27		Phosphorus	Total	0.13	mg/l
Little Vermilion River	DR-01	2002-08-09		Phosphorus	Total	0.11	mg/l
Little Vermilion River	DR-01	2002-09-25		Phosphorus	Total	0.1	mg/l
Little Vermilion River	DR-01	2002-11-04		Phosphorus	Total	0.04	mg/l
Little Vermilion River	DR-01	2002-12-26		Phosphorus	Total	0.13	mg/l
Little Vermilion River	DR-01	2003-06-16		Phosphorus	Total	0.17	mg/l
Little Vermilion River	DR-01	2003-07-15		Phosphorus	Total	0.26	mg/l
Little Vermilion River	DR-01	2003-08-26		Phosphorus	Total	0.16	mg/l
Little Vermilion River	DR-01	2003-10-02		Phosphorus	Total	0.11	mg/l
Little Vermilion River	DR-01	2003-11-17		Phosphorus	Total	0.19	mg/l
Little Vermilion River	DR-01	2004-01-12		Phosphorus	Total	0.06	mg/l
Little Vermilion River	DR-01	2004-02-10		Phosphorus	Total	0.07	mg/l
Little Vermilion River	DR-01	2004-03-23		Phosphorus	Total	0.04	mg/l
Little Vermilion River	DR-01	2004-05-06		Phosphorus	Total	0.109	mg/l
Little Vermilion River	DR-01	2004-06-08		Phosphorus	Total	0.146	mg/l
Little Vermilion River	DR-01	2004-09-28		Phosphorus	Total	0.87	mg/l
Little Vermilion River	DR-01	2004-12-13		Phosphorus	Total	0.067	mg/l
Little Vermilion River	DR-01	2005-04-04		Phosphorus	Total	0.01	mg/l
Little Vermilion River	DR-01	2005-05-17		Phosphorus	Total	0.153	mg/l
Little Vermilion River	DR-01	2005-06-20		Phosphorus	Total	0.171	mg/l
Little Vermilion River	DR-01	2005-07-25		Phosphorus	Total	0.285	mg/l
Little Vermilion River	DR-01	2005-09-07		Phosphorus	Total	0.11	mg/l
Little Vermilion River	DR-01	2005-10-26		Phosphorus	Total	0.0695	mg/l
Little Vermilion River	DR-01	2005-11-30		Phosphorus	Total	0.104	mg/l
Little Vermilion River	DR-01	2006-01-18		Phosphorus	Total	0.124	mg/l
Little Vermilion River	DR-01	2006-02-28		Phosphorus	Total	0.172	mg/l
Little Vermilion River	DR-01	2006-04-04		Phosphorus	Total	0.179	mg/l
Little Vermilion River	DR-01	2006-05-04		Phosphorus	Total	0.148	mg/l
Little Vermilion River	DR-01	2006-06-19		Phosphorus	Total	0.182	mg/l

Segment	Station	Date	Time	Parameter	Type	Result	Units
Little Vermilion River	DR-01	2006-08-10		Phosphorus	Total	0.344	mg/l
Little Vermilion River	DR-01	2006-09-13		Phosphorus	Total	0.284	mg/l
Little Vermilion River	DR-01	2006-10-26		Phosphorus	Total	0.106	mg/l
Little Vermilion River	DR-01	2006-12-28		Phosphorus	Total	0.085	mg/l
Little Vermilion River	DR-01	2007-01-25		Phosphorus	Total	0.075	mg/l
Little Vermilion River	DR-01	2012-06-12		Phosphorus	Total	0.239	mg/l
Little Vermilion River	DR-01	2012-07-10		Phosphorus	Total	0.265	mg/l
Little Vermilion River	DR-01	2012-09-10		Phosphorus	Total	0.185	mg/l
Little Vermilion River	DR-01	2012-10-10		Phosphorus	Total	0.107	mg/l
Little Vermilion River	DR-01	2012-11-19		Phosphorus	Total	0.204	mg/l
Mendota Creek	DRD-OC-A1	1988-08-03		Phosphorus	Total	0.160	mg/l
Mendota Creek	DRD-OC-C1	1988-08-03		Phosphorus	Total	0.160	mg/l
Mendota Creek	DRD-OC-C2	1988-08-03		Phosphorus	Total	0.150	mg/l
Mendota Creek	DRD-M-A1	1988-08-03		Phosphorus	Total	0.370	mg/l
Mendota Creek	DRD-M-C1	1988-08-03		Phosphorus	Total	4.180	mg/l
Mendota Creek	DRD-M-C2	1988-08-03		Phosphorus	Total	3.860	mg/l
Mendota Creek	DRD-M-A1	2012-06-12		Phosphorus	Total	0.095	mg/l
Mendota Creek	DRD-M-C2	2012-06-12		Phosphorus	Total	1.800	mg/l
Mendota Creek	DRD-M-A1	2012-07-10		Phosphorus	Total	0.328	mg/l
Mendota Creek	DRD-M-C2	2012-07-10		Phosphorus	Total	6.340	mg/l
Mendota Creek	DRD-M-C2	2012-09-10		Phosphorus	Total	6.780	mg/l
Mendota Creek	DRD-M-A1	2012-11-19		Phosphorus	Total	0.071	mg/l
Mendota Creek	DRD-M-C2	2012-11-19		Phosphorus	Total	4.250	mg/l
Mendota Creek	DRD-M-C2	2015-05-06		Phosphorus	Total	0.426	mg/l
Mendota Creek	DRD-M-C2	2015-05-21		Phosphorus	Total	0.679	mg/l
Mendota Creek	DRD-M-C2	2015-06-03		Phosphorus	Total	1.14	mg/l
Mendota Creek	DRD-M-C2	2015-06-16		Phosphorus	Total	0.386	mg/l
Mendota Creek	DRD-M-C2	2015-07-01		Phosphorus	Total	0.373	mg/l
Mendota Creek	DRD-M-C2	2015-07-08		Phosphorus	Total	0.625	mg/l
Mendota Creek	DRD-M-C2	2015-07-15		Phosphorus	Total	0.498	mg/l
Mendota Creek	DRD-M-C2	2015-07-22		Phosphorus	Total	0.793	mg/l
Mendota Creek	DRD-M-C2	2015-07-29		Phosphorus	Total	0.995	mg/l
Mendota Creek	DRD-M-C2	2015-08-12		Phosphorus	Total	1.58	mg/l
Mendota Creek	DRD-M-C2	2015-08-26		Phosphorus	Total	2.37	mg/l
Mendota Creek	DRD-M-C2	2015-09-09		Phosphorus	Total	3.46	mg/l
Mendota Creek	DRD-M-C2	2015-10-15		Phosphorus	Total	2.15	mg/l
Little Vermilion River	DR-01	1999-02-05	10:00	Solids, Fixed Total	Total	214	mg/l
Little Vermilion River	DR-01	1999-03-17	8:00	Solids, Fixed Total	Total	41	mg/l
Little Vermilion River	DR-01	1999-04-14	9:20	Solids, Fixed Total	Total	11	mg/l
Little Vermilion River	DR-01	1999-06-08	10:30	Solids, Fixed Total	Total	64	mg/l
Little Vermilion River	DR-01	1999-07-09	9:00	Solids, Fixed Total	Total	22	mg/l
Little Vermilion River	DR-01	1999-08-04	8:00	Solids, Fixed Total	Total	40	mg/l
Little Vermilion River	DR-01	1999-09-21	12:00	Solids, Fixed Total	Total	26	mg/l
Little Vermilion River	DR-01	1999-11-22	12:15	Solids, Fixed Total	Total	9	mg/l
Little Vermilion River	DR-01	2000-01-27	11:30	Solids, Fixed Total	Total	24	mg/l
Little Vermilion River	DR-01	2000-04-24	11:00	Solids, Fixed Total	Total	44	mg/l

Segment	Station	Date	Time	Parameter	Type	Result	Units
Little Vermilion River	DR-01	2000-05-23	12:00	Solids, Fixed Total	Total	64	mg/l
Little Vermilion River	DR-01	2000-07-13	11:00	Solids, Fixed Total	Total	69	mg/l
Little Vermilion River	DR-01	2000-08-15	11:00	Solids, Fixed Total	Total	12	mg/l
Little Vermilion River	DR-01	2000-10-18	12:30	Solids, Fixed Total	Total	12	mg/l
Little Vermilion River	DR-01	2000-11-29	11:20	Solids, Fixed Total	Total	18	mg/l
Little Vermilion River	DR-01	2001-01-17	11:20	Solids, Fixed Total	Total	8	mg/l
Little Vermilion River	DR-01	2001-02-28	9:00	Solids, Fixed Total	Total	58	mg/l
Little Vermilion River	DR-01	2001-04-17	11:30	Solids, Fixed Total	Total	10	mg/l
Little Vermilion River	DR-01	2001-05-24	11:30	Solids, Fixed Total	Total	8	mg/l
Little Vermilion River	DR-01	2001-06-28	12:00	Solids, Fixed Total	Total	25	mg/l
Little Vermilion River	DR-01	2001-12-03	13:00	Solids, Fixed Total	Total	8	mg/l
Little Vermilion River	DR-01	2002-02-08	11:45	Solids, Fixed Total	Total	7	mg/l
Little Vermilion River	DR-01	2002-04-01	13:00	Solids, Fixed Total	Total	9	mg/l
Little Vermilion River	DR-01	2002-06-05	13:00	Solids, Fixed Total	Total	571	mg/l
Little Vermilion River	DR-01	2002-06-27	11:30	Solids, Fixed Total	Total	31	mg/l
Little Vermilion River	DR-01	2002-08-09	13:00	Solids, Fixed Total	Total	15	mg/l
Little Vermilion River	DR-01	2002-09-25	11:20	Solids, Fixed Total	Total	18	mg/l
Little Vermilion River	DR-01	2002-11-04	11:00	Solids, Fixed Total	Total	9	mg/l
Little Vermilion River	DR-01	2002-12-26	13:15	Solids, Fixed Total	Total	21	mg/l
Little Vermilion River	DR-01	2003-03-24	12:00	Solids, Total Suspended (TSS)		8	mg/l
Little Vermilion River	DR-01	2003-04-28	13:45	Solids, Total Suspended (TSS)		19	mg/l
Little Vermilion River	DR-01	2003-06-16	14:30	Solids, Total Suspended (TSS)		16	mg/l
Little Vermilion River	DR-01	2003-07-15	13:00	Solids, Total Suspended (TSS)		55	mg/l
Little Vermilion River	DR-01	2003-08-26	12:30	Solids, Total Suspended (TSS)		10	mg/l
Little Vermilion River	DR-01	2003-10-02	12:20	Solids, Total Suspended (TSS)		12	mg/l
Little Vermilion River	DR-01	2003-11-17	13:00	Solids, Total Suspended (TSS)		10	mg/l
Little Vermilion River	DR-01	2004-01-12	16:00	Solids, Total Suspended (TSS)		5	mg/l
Little Vermilion River	DR-01	2004-02-10	15:00	Solids, Total Suspended (TSS)		8	mg/l
Little Vermilion River	DR-01	2004-03-23	12:45	Solids, Total Suspended (TSS)		1	mg/l
Little Vermilion River	DR-01	2004-05-06	11:45	Solids, Total Suspended (TSS)		19	mg/l
Little Vermilion River	DR-01	2004-06-08	13:00	Solids, Total Suspended (TSS)		61	mg/l
Little Vermilion River	DR-01	2004-07-22	12:00	Solids, Total Suspended (TSS)		35	mg/l
Little Vermilion River	DR-01	2004-09-01	12:30	Solids, Total Suspended (TSS)		38	mg/l
Little Vermilion River	DR-01	2004-09-28	10:30	Solids, Total Suspended (TSS)		90	mg/l
Little Vermilion River	DR-01	2004-10-13	12:45	Solids, Total Suspended (TSS)		32	mg/l
Little Vermilion River	DR-01	2004-12-13	13:00	Solids, Total Suspended (TSS)		12	mg/l
Little Vermilion River	DR-01	2005-01-20	12:30	Solids, Total Suspended (TSS)		24	mg/l
Little Vermilion River	DR-01	2005-02-28	13:00	Solids, Total Suspended (TSS)		6	mg/l
Little Vermilion River	DR-01	2005-04-04	12:45	Solids, Total Suspended (TSS)		6	mg/l
Little Vermilion River	DR-01	2005-05-17	13:00	Solids, Total Suspended (TSS)		16	mg/l
Little Vermilion River	DR-01	2005-06-20	13:00	Solids, Total Suspended (TSS)		10	mg/l
Little Vermilion River	DR-01	2005-07-25	12:15	Solids, Total Suspended (TSS)		30	mg/l
Little Vermilion River	DR-01	2005-09-07	11:45	Solids, Total Suspended (TSS)		17	mg/l
Little Vermilion River	DR-01	2005-10-26	12:30	Solids, Total Suspended (TSS)		8	mg/l
Little Vermilion River	DR-01	2005-11-30	13:00	Solids, Total Suspended (TSS)		10	mg/l
Little Vermilion River	DR-01	2006-01-18	13:15	Solids, Total Suspended (TSS)		8	mg/l

Segment	Station	Date	Time	Parameter	Type	Result	Units
Little Vermilion River	DR-01	2006-02-28	12:30	Solids, Total Suspended (TSS)		6	mg/l
Little Vermilion River	DR-01	2006-04-04	13:00	Solids, Total Suspended (TSS)		37	mg/l
Little Vermilion River	DR-01	2006-05-04	13:00	Solids, Total Suspended (TSS)		44	mg/l
Little Vermilion River	DR-01	2006-06-19	13:15	Solids, Total Suspended (TSS)		28	mg/l
Little Vermilion River	DR-01	2006-08-10	12:45	Solids, Total Suspended (TSS)		217	mg/l
Little Vermilion River	DR-01	2006-09-13	13:30	Solids, Total Suspended (TSS)		61	mg/l
Little Vermilion River	DR-01	2006-10-26	13:15	Solids, Total Suspended (TSS)		10	mg/l
Little Vermilion River	DR-01	2006-12-28	12:45	Solids, Total Suspended (TSS)		16	mg/l
Little Vermilion River	DR-01	2007-01-25	12:30	Solids, Total Suspended (TSS)		6	mg/l
Little Vermilion River	DR-01	2009-09-30	15:45	Solids, Total Suspended (TSS)		7	mg/l
Little Vermilion River	DR-01	2012-06-12	9:50	Solids, Total Suspended (TSS)		20	mg/l
Little Vermilion River	DR-01	2012-07-10	9:00	Solids, Total Suspended (TSS)		12	mg/l
Little Vermilion River	DR-01	2012-09-10	10:45	Solids, Total Suspended (TSS)		26	mg/l
Little Vermilion River	DR-01	2012-10-10	10:24	Solids, Total Suspended (TSS)		9	mg/l
Little Vermilion River	DR-01	2012-11-19	10:14	Solids, Total Suspended (TSS)		5	mg/l

Appendix D

Load Duration Curve Calculations

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Little Vermilion River (DR-01)
Chloride

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/24/2007	2890	2890	1.62	4681.44	1	0.0062%	Chloride	--	mg/L	500	28.3	#VALUE!	12617825.41
5439000	7/3/1983	2520	2520	1.62	4083.12	2	0.0125%	Chloride	--	mg/L	500	28.3	#VALUE!	11005171.85
5439000	7/2/1983	2510	2510	1.62	4066.95	3	0.0187%	Chloride	--	mg/L	500	28.3	#VALUE!	10961586.61
5439000	8/25/2007	2440	2440	1.62	3953.75	4	0.0250%	Chloride	--	mg/L	500	28.3	#VALUE!	10656489.99
5439000	7/18/1996	1980	1980	1.62	3209.89	5	0.0312%	Chloride	--	mg/L	500	28.3	#VALUE!	8651569.343
5439000	9/14/2008	1830	1830	1.62	2967.33	6	0.0374%	Chloride	--	mg/L	500	28.3	#VALUE!	7997790.87
5439000	9/15/2008	1820	1820	1.62	2951.15	7	0.0437%	Chloride	--	mg/L	500	28.3	#VALUE!	7954205.639
5439000	7/19/1996	1680	1680	1.62	2724.76	8	0.0499%	Chloride	--	mg/L	500	28.3	#VALUE!	7344012.398
5439000	8/26/2007	1620	1620	1.62	2627.74	9	0.0561%	Chloride	--	mg/L	500	28.3	#VALUE!	7082501.008
5439000	2/21/1997	1580	1580	1.62	2563.05	10	0.0624%	Chloride	--	mg/L	500	28.3	#VALUE!	6908160.082
5439000	4/18/2013	1550	1550	1.62	2514.54	11	0.0686%	Chloride	--	mg/L	500	28.3	#VALUE!	6777404.388
5439000	8/27/1987	1520	1520	1.62	2466.03	12	0.0749%	Chloride	--	mg/L	500	28.3	#VALUE!	6646648.693
5439000	2/22/1997	1490	1490	1.62	2417.51	13	0.0811%	Chloride	--	mg/L	500	28.3	#VALUE!	6515892.998
5439000	4/19/2013	1430	1430	1.62	2320.49	14	0.0873%	Chloride	--	mg/L	500	28.3	#VALUE!	6254381.609
5439000	9/9/1980	1380	1380	1.62	2239.63	15	0.0936%	Chloride	--	mg/L	500	28.3	#VALUE!	6036455.452
5439000	7/4/1983	1280	1280	1.62	2077.93	16	0.0998%	Chloride	--	mg/L	500	28.3	#VALUE!	5600603.136
5439000	6/16/2015	1250	1250	1.62	2029.41	17	0.1060%	Chloride	--	mg/L	500	28.3	#VALUE!	5469847.442
5439000	8/28/1987	1240	1240	1.62	2013.24	18	0.1123%	Chloride	--	mg/L	500	28.3	#VALUE!	5426262.21
5439000	9/16/2008	1220	1220	1.62	1980.90	19	0.1185%	Chloride	--	mg/L	500	28.3	#VALUE!	5339091.747
5439000	3/24/1993	1210	1210	1.62	1964.73	20	0.1248%	Chloride	--	mg/L	500	28.3	#VALUE!	5295506.516
5439000	7/20/1996	1190	1190	1.62	1932.39	21	0.1310%	Chloride	--	mg/L	500	28.3	#VALUE!	5208336.053
5439000	2/20/1994	1180	1180	1.62	1916.22	22	0.1372%	Chloride	--	mg/L	500	28.3	#VALUE!	5164750.821
5439000	3/9/2009	1170	1170	1.62	1900.05	23	0.1435%	Chloride	--	mg/L	500	28.3	#VALUE!	5121165.59
5439000	8/6/1996	1130	1130	1.62	1835.36	24	0.1497%	Chloride	--	mg/L	500	28.3	#VALUE!	4946824.663
5439000	5/31/2004	1130	1130	1.62	1835.36	24	0.1497%	Chloride	--	mg/L	500	28.3	#VALUE!	4946824.663
5439000	5/26/1991	1120	1120	1.62	1819.19	26	0.1622%	Chloride	--	mg/L	500	28.3	#VALUE!	4903239.432
5439000	3/3/2008	1120	1120	1.62	1819.19	26	0.1622%	Chloride	--	mg/L	500	28.3	#VALUE!	4903239.432
5439000	5/30/2011	1120	1120	1.62	1819.19	26	0.1622%	Chloride	--	mg/L	500	28.3	#VALUE!	4903239.432
5439000	9/8/1980	1100	1100	1.62	1786.85	29	0.1809%	Chloride	--	mg/L	500	28.3	#VALUE!	4816068.969
5439000	5/29/1996	1100	1100	1.62	1786.85	29	0.1809%	Chloride	--	mg/L	500	28.3	#VALUE!	4816068.969
5439000	8/23/2007	1050	1050	1.62	1705.99	31	0.1934%	Chloride	--	mg/L	500	28.3	#VALUE!	4598142.811

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/10/1980	1040	1040	1.62	1689.82	32	0.1996%	Chloride	--	mg/L	500	28.3	#VALUE!	4554557.58
5439000	6/5/2002	1040	1040	1.62	1689.82	32	0.1996%	Chloride	23.90	mg/L	500	28.3	217707.8523	4554557.58
5439000	6/17/2015	1030	1030	1.62	1673.65	34	0.2121%	Chloride	--	mg/L	500	28.3	#VALUE!	4510972.348
5439000	8/17/1987	1010	1010	1.62	1641.31	35	0.2183%	Chloride	--	mg/L	500	28.3	#VALUE!	4423801.885
5439000	8/27/2007	1010	1010	1.62	1641.31	35	0.2183%	Chloride	--	mg/L	500	28.3	#VALUE!	4423801.885
5439000	2/25/2001	992	992	1.62	1612.20	37	0.2308%	Chloride	--	mg/L	500	28.3	#VALUE!	4345348.468
5439000	2/23/1997	968	968	1.62	1573.39	38	0.2370%	Chloride	--	mg/L	500	28.3	#VALUE!	4240743.913
5439000	3/11/2013	956	956	1.62	1553.99	39	0.2433%	Chloride	--	mg/L	500	28.3	#VALUE!	4188441.635
5439000	8/15/1987	949	949	1.62	1542.67	40	0.2495%	Chloride	--	mg/L	500	28.3	#VALUE!	4157931.973
5439000	4/3/1983	944	944	1.62	1534.58	41	0.2558%	Chloride	--	mg/L	500	28.3	#VALUE!	4136139.357
5439000	12/3/1982	939	939	1.62	1526.50	42	0.2620%	Chloride	--	mg/L	500	28.3	#VALUE!	4114346.741
5439000	6/14/1981	937	937	1.62	1523.26	43	0.2682%	Chloride	--	mg/L	500	28.3	#VALUE!	4105629.695
5439000	12/28/2008	932	932	1.62	1515.18	44	0.2745%	Chloride	--	mg/L	500	28.3	#VALUE!	4083837.079
5439000	9/13/2008	930	930	1.62	1511.94	45	0.2807%	Chloride	--	mg/L	500	28.3	#VALUE!	4075120.033
5439000	6/12/1929	924	924	1.62	1502.24	46	0.2869%	Chloride	--	mg/L	500	28.3	#VALUE!	4048968.894
5439000	7/19/1993	921	921	1.62	1497.39	47	0.2932%	Chloride	--	mg/L	500	28.3	#VALUE!	4035893.324
5439000	6/1/2004	921	921	1.62	1497.39	47	0.2932%	Chloride	--	mg/L	500	28.3	#VALUE!	4035893.324
5439000	3/5/1985	920	920	1.62	1495.77	49	0.3057%	Chloride	--	mg/L	500	28.3	#VALUE!	4031534.801
5439000	8/18/1987	915	915	1.62	1487.69	50	0.3119%	Chloride	--	mg/L	500	28.3	#VALUE!	4009742.186
5439000	5/14/2010	901	901	1.62	1465.05	51	0.3181%	Chloride	--	mg/L	500	28.3	#VALUE!	3948722.861
5439000	8/26/1987	899	899	1.62	1461.81	52	0.3244%	Chloride	--	mg/L	500	28.3	#VALUE!	3940005.815
5439000	3/8/2009	899	899	1.62	1461.81	52	0.3244%	Chloride	--	mg/L	500	28.3	#VALUE!	3940005.815
5439000	5/22/1983	896	896	1.62	1456.96	54	0.3368%	Chloride	--	mg/L	500	28.3	#VALUE!	3926930.246
5439000	5/13/2010	873	873	1.62	1419.77	55	0.3431%	Chloride	--	mg/L	500	28.3	#VALUE!	3826684.213
5439000	12/4/1982	859	859	1.62	1397.13	56	0.3493%	Chloride	--	mg/L	500	28.3	#VALUE!	3765664.889
5439000	8/29/1987	859	859	1.62	1397.13	56	0.3493%	Chloride	--	mg/L	500	28.3	#VALUE!	3765664.889
5439000	6/14/1999	849	849	1.62	1380.96	58	0.3618%	Chloride	--	mg/L	500	28.3	#VALUE!	3722079.657
5439000	6/18/2015	847	847	1.62	1377.73	59	0.3680%	Chloride	--	mg/L	500	28.3	#VALUE!	3713362.611
5439000	4/20/2013	846	846	1.62	1376.11	60	0.3743%	Chloride	--	mg/L	500	28.3	#VALUE!	3709004.088
5439000	3/23/1993	845	845	1.62	1374.49	61	0.3805%	Chloride	--	mg/L	500	28.3	#VALUE!	3704645.565
5439000	3/12/2013	843	843	1.62	1371.26	62	0.3868%	Chloride	--	mg/L	500	28.3	#VALUE!	3695928.519

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/17/2008	836	836	1.62	1359.94	63	0.3930%	Chloride	--	mg/L	500	28.3	#VALUE!	3665418.856
5439000	5/18/1986	831	831	1.62	1351.85	64	0.3992%	Chloride	--	mg/L	500	28.3	#VALUE!	3643626.241
5439000	6/25/1994	825	825	1.62	1342.15	65	0.4055%	Chloride	--	mg/L	500	28.3	#VALUE!	3617475.102
5439000	3/4/1993	824	824	1.62	1340.53	66	0.4117%	Chloride	--	mg/L	500	28.3	#VALUE!	3613116.579
5439000	5/27/1991	820	820	1.62	1334.06	67	0.4179%	Chloride	--	mg/L	500	28.3	#VALUE!	3595682.486
5439000	3/10/2009	819	819	1.62	1332.45	68	0.4242%	Chloride	--	mg/L	500	28.3	#VALUE!	3591323.963
5439000	5/22/2004	811	811	1.62	1319.51	69	0.4304%	Chloride	--	mg/L	500	28.3	#VALUE!	3556455.778
5439000	5/25/1927	805	805	1.62	1309.81	70	0.4367%	Chloride	--	mg/L	500	28.3	#VALUE!	3530304.639
5439000	6/9/1993	803	803	1.62	1306.57	71	0.4429%	Chloride	--	mg/L	500	28.3	#VALUE!	3521587.592
5439000	5/14/2011	798	798	1.62	1298.49	72	0.4491%	Chloride	--	mg/L	500	28.3	#VALUE!	3499794.977
5439000	2/27/2009	791	791	1.62	1287.17	73	0.4554%	Chloride	--	mg/L	500	28.3	#VALUE!	3469285.315
5439000	3/12/2014	790	790	1.62	1285.55	74	0.4616%	Chloride	--	mg/L	500	28.3	#VALUE!	3464926.791
5439000	4/16/1993	788	788	1.62	1282.32	75	0.4678%	Chloride	--	mg/L	500	28.3	#VALUE!	3456209.745
5439000	8/16/1987	772	772	1.62	1256.44	76	0.4741%	Chloride	--	mg/L	500	28.3	#VALUE!	3386473.375
5439000	2/10/2001	766	766	1.62	1246.74	77	0.4803%	Chloride	--	mg/L	500	28.3	#VALUE!	3360322.236
5439000	6/13/1929	765	765	1.62	1245.12	78	0.4866%	Chloride	--	mg/L	500	28.3	#VALUE!	3355963.713
5439000	2/14/1984	761	761	1.62	1238.66	79	0.4928%	Chloride	--	mg/L	500	28.3	#VALUE!	3338529.62
5439000	5/30/1996	760	760	1.62	1237.04	80	0.4990%	Chloride	--	mg/L	500	28.3	#VALUE!	3334171.097
5439000	5/24/1927	756	756	1.62	1230.57	81	0.5053%	Chloride	--	mg/L	500	28.3	#VALUE!	3316737.004
5439000	3/11/2014	756	756	1.62	1230.57	81	0.5053%	Chloride	--	mg/L	500	28.3	#VALUE!	3316737.004
5439000	12/29/2008	754	754	1.62	1227.34	83	0.5177%	Chloride	--	mg/L	500	28.3	#VALUE!	3308019.958
5439000	3/1/1997	753	753	1.62	1225.72	84	0.5240%	Chloride	--	mg/L	500	28.3	#VALUE!	3303661.435
5439000	8/7/1996	751	751	1.62	1222.48	85	0.5302%	Chloride	--	mg/L	500	28.3	#VALUE!	3294944.388
5439000	2/19/1994	750	750	1.62	1220.87	86	0.5365%	Chloride	--	mg/L	500	28.3	#VALUE!	3290585.865
5439000	7/5/1983	743	743	1.62	1209.55	87	0.5427%	Chloride	--	mg/L	500	28.3	#VALUE!	3260076.203
5439000	4/23/1999	741	741	1.62	1206.31	88	0.5489%	Chloride	--	mg/L	500	28.3	#VALUE!	3251359.157
5439000	2/5/1991	740	740	1.62	1204.70	89	0.5552%	Chloride	--	mg/L	500	28.3	#VALUE!	3247000.634
5439000	6/10/2011	739	739	1.62	1203.08	90	0.5614%	Chloride	--	mg/L	500	28.3	#VALUE!	3242642.111
5439000	8/14/1987	736	736	1.62	1198.23	91	0.5677%	Chloride	--	mg/L	500	28.3	#VALUE!	3229566.541
5439000	6/13/2000	736	736	1.62	1198.23	91	0.5677%	Chloride	--	mg/L	500	28.3	#VALUE!	3229566.541
5439000	6/6/2002	732	732	1.62	1191.76	93	0.5801%	Chloride	--	mg/L	500	28.3	#VALUE!	3212132.449

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/23/1983	727	727	1.62	1183.67	94	0.5864%	Chloride	--	mg/L	500	28.3	#VALUE!	3190339.833
5439000	2/21/1994	726	726	1.62	1182.06	95	0.5926%	Chloride	--	mg/L	500	28.3	#VALUE!	3185981.31
5439000	1/23/1999	721	721	1.62	1173.97	96	0.5988%	Chloride	--	mg/L	500	28.3	#VALUE!	3164188.694
5439000	5/11/2003	714	714	1.62	1162.65	97	0.6051%	Chloride	--	mg/L	500	28.3	#VALUE!	3133679.032
5439000	5/8/1998	713	713	1.62	1161.03	98	0.6113%	Chloride	--	mg/L	500	28.3	#VALUE!	3129320.509
5439000	5/23/2004	710	710	1.62	1156.18	99	0.6176%	Chloride	--	mg/L	500	28.3	#VALUE!	3116244.939
5439000	7/21/1996	705	705	1.62	1148.10	100	0.6238%	Chloride	--	mg/L	500	28.3	#VALUE!	3094452.323
5439000	5/19/1986	704	704	1.62	1146.48	101	0.6300%	Chloride	--	mg/L	500	28.3	#VALUE!	3090093.8
5439000	6/13/1999	704	704	1.62	1146.48	101	0.6300%	Chloride	--	mg/L	500	28.3	#VALUE!	3090093.8
5439000	6/15/2015	704	704	1.62	1146.48	101	0.6300%	Chloride	--	mg/L	500	28.3	#VALUE!	3090093.8
5439000	3/25/1993	702	702	1.62	1143.25	104	0.6487%	Chloride	--	mg/L	500	28.3	#VALUE!	3081376.754
5439000	6/24/1994	701	701	1.62	1141.63	105	0.6550%	Chloride	--	mg/L	500	28.3	#VALUE!	3077018.231
5439000	5/31/2011	701	701	1.62	1141.63	105	0.6550%	Chloride	--	mg/L	500	28.3	#VALUE!	3077018.231
5439000	6/14/2000	700	700	1.62	1140.01	107	0.6675%	Chloride	--	mg/L	500	28.3	#VALUE!	3072659.708
5439000	5/21/2004	698	698	1.62	1136.78	108	0.6737%	Chloride	--	mg/L	500	28.3	#VALUE!	3063942.661
5439000	5/24/1995	697	697	1.62	1135.16	109	0.6799%	Chloride	--	mg/L	500	28.3	#VALUE!	3059584.138
5439000	9/11/1980	691	691	1.62	1125.46	110	0.6862%	Chloride	--	mg/L	500	28.3	#VALUE!	3033432.999
5439000	8/7/2007	684	684	1.62	1114.14	111	0.6924%	Chloride	--	mg/L	500	28.3	#VALUE!	3002923.337
5439000	4/11/2008	684	684	1.62	1114.14	111	0.6924%	Chloride	--	mg/L	500	28.3	#VALUE!	3002923.337
5439000	6/4/2002	683	683	1.62	1112.52	113	0.7049%	Chloride	--	mg/L	500	28.3	#VALUE!	2998564.814
5439000	5/28/1996	678	678	1.62	1104.44	114	0.7111%	Chloride	--	mg/L	500	28.3	#VALUE!	2976772.198
5439000	5/21/1987	671	671	1.62	1093.12	115	0.7174%	Chloride	--	mg/L	500	28.3	#VALUE!	2946262.536
5439000	12/5/1982	670	670	1.62	1091.50	116	0.7236%	Chloride	--	mg/L	500	28.3	#VALUE!	2941904.013
5439000	3/4/1985	670	670	1.62	1091.50	116	0.7236%	Chloride	--	mg/L	500	28.3	#VALUE!	2941904.013
5439000	7/9/1986	669	669	1.62	1089.88	118	0.7361%	Chloride	--	mg/L	500	28.3	#VALUE!	2937545.49
5439000	6/12/2000	669	669	1.62	1089.88	118	0.7361%	Chloride	--	mg/L	500	28.3	#VALUE!	2937545.49
5439000	12/26/2009	668	668	1.62	1088.27	120	0.7485%	Chloride	--	mg/L	500	28.3	#VALUE!	2933186.967
5439000	3/4/2008	666	666	1.62	1085.03	121	0.7548%	Chloride	--	mg/L	500	28.3	#VALUE!	2924469.92
5439000	7/1/2014	666	666	1.62	1085.03	121	0.7548%	Chloride	--	mg/L	500	28.3	#VALUE!	2924469.92
5439000	11/18/1928	663	663	1.62	1080.18	123	0.7673%	Chloride	--	mg/L	500	28.3	#VALUE!	2911394.351
5439000	1/31/1988	661	661	1.62	1076.95	124	0.7735%	Chloride	--	mg/L	500	28.3	#VALUE!	2902677.305

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5439000	4/1/1993	657	657	1.62	1070.48	125	0.7797%	Chloride	--	mg/L	500	28.3	#VALUE!	2885243.212
5439000	6/13/1981	652	652	1.62	1062.39	126	0.7860%	Chloride	--	mg/L	500	28.3	#VALUE!	2863450.596
5439000	8/8/2007	652	652	1.62	1062.39	126	0.7860%	Chloride	--	mg/L	500	28.3	#VALUE!	2863450.596
5439000	4/2/1983	649	649	1.62	1057.54	128	0.7985%	Chloride	--	mg/L	500	28.3	#VALUE!	2850375.027
5439000	11/20/1985	649	649	1.62	1057.54	128	0.7985%	Chloride	--	mg/L	500	28.3	#VALUE!	2850375.027
5439000	6/15/1981	647	647	1.62	1054.31	130	0.8109%	Chloride	--	mg/L	500	28.3	#VALUE!	2841657.981
5439000	7/30/1989	644	644	1.62	1049.46	131	0.8172%	Chloride	--	mg/L	500	28.3	#VALUE!	2828582.411
5439000	1/24/1999	643	643	1.62	1047.84	132	0.8234%	Chloride	--	mg/L	500	28.3	#VALUE!	2824223.888
5439000	2/26/1985	639	639	1.62	1041.37	133	0.8296%	Chloride	--	mg/L	500	28.3	#VALUE!	2806789.795
5439000	2/15/1984	637	637	1.62	1038.14	134	0.8359%	Chloride	--	mg/L	500	28.3	#VALUE!	2798072.749
5439000	2/25/1985	636	636	1.62	1036.52	135	0.8421%	Chloride	--	mg/L	500	28.3	#VALUE!	2793714.226
5439000	2/9/2001	636	636	1.62	1036.52	135	0.8421%	Chloride	--	mg/L	500	28.3	#VALUE!	2793714.226
5439000	6/8/1993	634	634	1.62	1033.28	137	0.8546%	Chloride	--	mg/L	500	28.3	#VALUE!	2784997.18
5439000	1/4/1993	633	633	1.62	1031.67	138	0.8608%	Chloride	--	mg/L	500	28.3	#VALUE!	2780638.656
5439000	4/4/1983	629	629	1.62	1025.20	139	0.8671%	Chloride	--	mg/L	500	28.3	#VALUE!	2763204.564
5439000	11/15/1926	628	628	1.62	1023.58	140	0.8733%	Chloride	--	mg/L	500	28.3	#VALUE!	2758846.041
5439000	2/13/1984	627	627	1.62	1021.96	141	0.8795%	Chloride	--	mg/L	500	28.3	#VALUE!	2754487.518
5439000	12/30/2008	626	626	1.62	1020.35	142	0.8858%	Chloride	--	mg/L	500	28.3	#VALUE!	2750128.994
5439000	12/25/2009	625	625	1.62	1018.73	143	0.8920%	Chloride	--	mg/L	500	28.3	#VALUE!	2745770.471
5439000	7/20/2007	621	621	1.62	1012.26	144	0.8983%	Chloride	--	mg/L	500	28.3	#VALUE!	2728336.379
5439000	6/2/1999	620	620	1.62	1010.65	145	0.9045%	Chloride	--	mg/L	500	28.3	#VALUE!	2723977.855
5439000	10/31/2009	620	620	1.62	1010.65	145	0.9045%	Chloride	--	mg/L	500	28.3	#VALUE!	2723977.855
5439000	2/25/1926	613	613	1.62	999.33	147	0.9170%	Chloride	--	mg/L	500	28.3	#VALUE!	2693468.193
5439000	3/11/1990	612	612	1.62	997.71	148	0.9232%	Chloride	--	mg/L	500	28.3	#VALUE!	2689109.67
5439000	5/12/2002	608	608	1.62	991.24	149	0.9294%	Chloride	--	mg/L	500	28.3	#VALUE!	2671675.578
5439000	3/13/2014	605	605	1.62	986.39	150	0.9357%	Chloride	--	mg/L	500	28.3	#VALUE!	2658600.008
5439000	6/18/1996	600	600	1.62	978.30	151	0.9419%	Chloride	--	mg/L	500	28.3	#VALUE!	2636807.392
5439000	3/11/2009	598	598	1.62	975.07	152	0.9482%	Chloride	--	mg/L	500	28.3	#VALUE!	2628090.346
5439000	3/12/1990	594	594	1.62	968.60	153	0.9544%	Chloride	--	mg/L	500	28.3	#VALUE!	2610656.253
5439000	2/26/2001	593	593	1.62	966.98	154	0.9606%	Chloride	--	mg/L	500	28.3	#VALUE!	2606297.73
5439000	11/28/1990	592	592	1.62	965.37	155	0.9669%	Chloride	--	mg/L	500	28.3	#VALUE!	2601939.207

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5439000	3/10/1986	588	588	1.62	958.90	156	0.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	2584505.115
5439000	7/23/1982	587	587	1.62	957.28	157	0.9794%	Chloride	--	mg/L	500	28.3	#VALUE!	2580146.591
5439000	4/1/1929	582	582	1.62	949.20	158	0.9856%	Chloride	--	mg/L	500	28.3	#VALUE!	2558353.976
5439000	8/28/2007	582	582	1.62	949.20	158	0.9856%	Chloride	--	mg/L	500	28.3	#VALUE!	2558353.976
5439000	6/30/2013	580	580	1.62	945.96	160	0.9981%	Chloride	--	mg/L	500	28.3	#VALUE!	2549636.929
5439000	5/30/1980	578	578	1.62	942.73	161	1.0043%	Chloride	--	mg/L	500	28.3	#VALUE!	2540919.883
5439000	3/15/2014	577	577	1.62	941.11	162	1.0105%	Chloride	--	mg/L	500	28.3	#VALUE!	2536561.36
5439000	11/19/1985	575	575	1.62	937.88	163	1.0168%	Chloride	--	mg/L	500	28.3	#VALUE!	2527844.314
5439000	3/3/1993	574	574	1.62	936.26	164	1.0230%	Chloride	--	mg/L	500	28.3	#VALUE!	2523485.79
5439000	5/29/2011	571	571	1.62	931.41	165	1.0293%	Chloride	--	mg/L	500	28.3	#VALUE!	2510410.221
5439000	7/19/2007	570	570	1.62	929.79	166	1.0355%	Chloride	--	mg/L	500	28.3	#VALUE!	2506051.698
5439000	8/19/1987	569	569	1.62	928.17	167	1.0417%	Chloride	--	mg/L	500	28.3	#VALUE!	2501693.175
5439000	2/5/1927	568	568	1.62	926.56	168	1.0480%	Chloride	--	mg/L	500	28.3	#VALUE!	2497334.651
5439000	6/15/2000	567	567	1.62	924.94	169	1.0542%	Chloride	--	mg/L	500	28.3	#VALUE!	2492976.128
5439000	7/2/2014	566	566	1.62	923.32	170	1.0604%	Chloride	--	mg/L	500	28.3	#VALUE!	2488617.605
5439000	12/6/1982	564	564	1.62	920.09	171	1.0667%	Chloride	--	mg/L	500	28.3	#VALUE!	2479900.559
5439000	3/2/2007	561	561	1.62	915.24	172	1.0729%	Chloride	--	mg/L	500	28.3	#VALUE!	2466824.989
5439000	3/13/2013	561	561	1.62	915.24	172	1.0729%	Chloride	--	mg/L	500	28.3	#VALUE!	2466824.989
5439000	7/2/1933	559	559	1.62	912.00	174	1.0854%	Chloride	--	mg/L	500	28.3	#VALUE!	2458107.943
5439000	12/27/2008	559	559	1.62	912.00	174	1.0854%	Chloride	--	mg/L	500	28.3	#VALUE!	2458107.943
5439000	6/14/1993	558	558	1.62	910.39	176	1.0979%	Chloride	--	mg/L	500	28.3	#VALUE!	2453749.42
5439000	4/17/1993	555	555	1.62	905.53	177	1.1041%	Chloride	--	mg/L	500	28.3	#VALUE!	2440673.85
5439000	5/15/2011	555	555	1.62	905.53	177	1.1041%	Chloride	--	mg/L	500	28.3	#VALUE!	2440673.85
5439000	7/10/1986	551	551	1.62	899.07	179	1.1166%	Chloride	--	mg/L	500	28.3	#VALUE!	2423239.758
5439000	5/22/1987	551	551	1.62	899.07	179	1.1166%	Chloride	--	mg/L	500	28.3	#VALUE!	2423239.758
5439000	11/19/1928	550	550	1.62	897.45	181	1.1291%	Chloride	--	mg/L	500	28.3	#VALUE!	2418881.235
5439000	6/11/2011	550	550	1.62	897.45	181	1.1291%	Chloride	--	mg/L	500	28.3	#VALUE!	2418881.235
5439000	4/16/1998	548	548	1.62	894.21	183	1.1415%	Chloride	--	mg/L	500	28.3	#VALUE!	2410164.188
5439000	6/9/2011	547	547	1.62	892.60	184	1.1478%	Chloride	--	mg/L	500	28.3	#VALUE!	2405805.665
5439000	4/6/1988	546	546	1.62	890.98	185	1.1540%	Chloride	--	mg/L	500	28.3	#VALUE!	2401447.142
5439000	6/16/1981	545	545	1.62	889.36	186	1.1603%	Chloride	--	mg/L	500	28.3	#VALUE!	2397088.619

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5439000	9/26/1993	542	542	1.62	884.51	187	1.1665%	Chloride	--	mg/L	500	28.3	#VALUE!	2384013.05
5439000	5/13/1999	542	542	1.62	884.51	187	1.1665%	Chloride	--	mg/L	500	28.3	#VALUE!	2384013.05
5439000	6/12/1926	538	538	1.62	878.04	189	1.1790%	Chloride	--	mg/L	500	28.3	#VALUE!	2366578.957
5439000	5/26/1927	538	538	1.62	878.04	189	1.1790%	Chloride	--	mg/L	500	28.3	#VALUE!	2366578.957
5439000	11/6/1994	538	538	1.62	878.04	189	1.1790%	Chloride	--	mg/L	500	28.3	#VALUE!	2366578.957
5439000	6/2/2004	538	538	1.62	878.04	189	1.1790%	Chloride	--	mg/L	500	28.3	#VALUE!	2366578.957
5439000	3/12/2015	537	537	1.62	876.43	193	1.2039%	Chloride	--	mg/L	500	28.3	#VALUE!	2362220.434
5439000	6/20/1993	535	535	1.62	873.19	194	1.2102%	Chloride	--	mg/L	500	28.3	#VALUE!	2353503.387
5439000	5/13/2002	535	535	1.62	873.19	194	1.2102%	Chloride	--	mg/L	500	28.3	#VALUE!	2353503.387
5439000	3/4/1929	534	534	1.62	871.58	196	1.2226%	Chloride	--	mg/L	500	28.3	#VALUE!	2349144.864
5439000	4/21/1929	534	534	1.62	871.58	196	1.2226%	Chloride	--	mg/L	500	28.3	#VALUE!	2349144.864
5439000	4/22/1929	534	534	1.62	871.58	196	1.2226%	Chloride	--	mg/L	500	28.3	#VALUE!	2349144.864
5439000	3/7/1994	534	534	1.62	871.58	196	1.2226%	Chloride	--	mg/L	500	28.3	#VALUE!	2349144.864
5439000	5/28/1995	534	534	1.62	871.58	196	1.2226%	Chloride	--	mg/L	500	28.3	#VALUE!	2349144.864
5439000	6/1/1989	532	532	1.62	868.34	201	1.2538%	Chloride	--	mg/L	500	28.3	#VALUE!	2340427.818
5439000	2/1/1988	531	531	1.62	866.72	202	1.2601%	Chloride	--	mg/L	500	28.3	#VALUE!	2336069.295
5439000	12/2/1985	528	528	1.62	861.87	203	1.2663%	Chloride	--	mg/L	500	28.3	#VALUE!	2322993.725
5439000	1/20/1988	524	524	1.62	855.40	204	1.2725%	Chloride	--	mg/L	500	28.3	#VALUE!	2305559.633
5439000	3/16/2014	524	524	1.62	855.40	204	1.2725%	Chloride	--	mg/L	500	28.3	#VALUE!	2305559.633
5439000	11/14/1926	523	523	1.62	853.79	206	1.2850%	Chloride	--	mg/L	500	28.3	#VALUE!	2301201.11
5439000	6/2/1996	522	522	1.62	852.17	207	1.2912%	Chloride	--	mg/L	500	28.3	#VALUE!	2296842.586
5439000	4/21/2013	520	520	1.62	848.94	208	1.2975%	Chloride	--	mg/L	500	28.3	#VALUE!	2288125.54
5439000	11/17/1928	518	518	1.62	845.70	209	1.3037%	Chloride	--	mg/L	500	28.3	#VALUE!	2279408.494
5439000	6/14/1929	518	518	1.62	845.70	209	1.3037%	Chloride	--	mg/L	500	28.3	#VALUE!	2279408.494
5439000	3/10/1990	515	515	1.62	840.85	211	1.3162%	Chloride	--	mg/L	500	28.3	#VALUE!	2266332.924
5439000	7/22/1982	514	514	1.62	839.23	212	1.3224%	Chloride	--	mg/L	500	28.3	#VALUE!	2261974.401
5439000	2/27/1997	513	513	1.62	837.62	213	1.3287%	Chloride	--	mg/L	500	28.3	#VALUE!	2257615.878
5439000	3/11/2010	511	511	1.62	834.38	214	1.3349%	Chloride	--	mg/L	500	28.3	#VALUE!	2248898.832
5439000	2/5/1986	510	510	1.62	832.77	215	1.3412%	Chloride	--	mg/L	500	28.3	#VALUE!	2244540.309
5439000	5/30/2004	510	510	1.62	832.77	215	1.3412%	Chloride	--	mg/L	500	28.3	#VALUE!	2244540.309
5439000	1/5/1993	509	509	1.62	831.15	217	1.3536%	Chloride	--	mg/L	500	28.3	#VALUE!	2240181.785

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/10/2007	509	509	1.62	831.15	217	1.3536%	Chloride	--	mg/L	500	28.3	#VALUE!	2240181.785
5439000	11/16/1926	508	508	1.62	829.53	219	1.3661%	Chloride	--	mg/L	500	28.3	#VALUE!	2235823.262
5439000	2/27/1985	507	507	1.62	827.91	220	1.3723%	Chloride	--	mg/L	500	28.3	#VALUE!	2231464.739
5439000	4/24/1999	507	507	1.62	827.91	220	1.3723%	Chloride	--	mg/L	500	28.3	#VALUE!	2231464.739
5439000	6/19/2015	506	506	1.62	826.30	222	1.3848%	Chloride	--	mg/L	500	28.3	#VALUE!	2227106.216
5439000	12/31/2008	504	504	1.62	823.06	223	1.3911%	Chloride	--	mg/L	500	28.3	#VALUE!	2218389.17
5439000	3/18/1991	502	502	1.62	819.83	224	1.3973%	Chloride	--	mg/L	500	28.3	#VALUE!	2209672.123
5439000	8/18/1980	501	501	1.62	818.21	225	1.4035%	Chloride	--	mg/L	500	28.3	#VALUE!	2205313.6
5439000	2/11/2001	500	500	1.62	816.59	226	1.4098%	Chloride	--	mg/L	500	28.3	#VALUE!	2200955.077
5439000	5/12/2008	499	499	1.62	814.98	227	1.4160%	Chloride	--	mg/L	500	28.3	#VALUE!	2196596.554
5439000	9/18/2008	499	499	1.62	814.98	227	1.4160%	Chloride	--	mg/L	500	28.3	#VALUE!	2196596.554
5439000	4/7/1988	498	498	1.62	813.36	229	1.4285%	Chloride	--	mg/L	500	28.3	#VALUE!	2192238.031
5439000	5/9/1998	498	498	1.62	813.36	229	1.4285%	Chloride	--	mg/L	500	28.3	#VALUE!	2192238.031
5439000	8/20/2007	495	495	1.62	808.51	231	1.4410%	Chloride	--	mg/L	500	28.3	#VALUE!	2179162.461
5439000	10/30/2009	491	491	1.62	802.04	232	1.4472%	Chloride	--	mg/L	500	28.3	#VALUE!	2161728.369
5439000	9/13/1980	489	489	1.62	798.81	233	1.4534%	Chloride	--	mg/L	500	28.3	#VALUE!	2153011.322
5439000	3/11/1986	489	489	1.62	798.81	233	1.4534%	Chloride	--	mg/L	500	28.3	#VALUE!	2153011.322
5439000	8/30/1987	489	489	1.62	798.81	233	1.4534%	Chloride	--	mg/L	500	28.3	#VALUE!	2153011.322
5439000	7/13/2008	488	488	1.62	797.19	236	1.4721%	Chloride	--	mg/L	500	28.3	#VALUE!	2148652.799
5439000	3/12/2010	488	488	1.62	797.19	236	1.4721%	Chloride	--	mg/L	500	28.3	#VALUE!	2148652.799
5439000	3/16/1929	487	487	1.62	795.57	238	1.4846%	Chloride	--	mg/L	500	28.3	#VALUE!	2144294.276
5439000	4/20/1929	487	487	1.62	795.57	238	1.4846%	Chloride	--	mg/L	500	28.3	#VALUE!	2144294.276
5439000	3/2/1997	486	486	1.62	793.96	240	1.4971%	Chloride	--	mg/L	500	28.3	#VALUE!	2139935.753
5439000	12/27/2009	486	486	1.62	793.96	240	1.4971%	Chloride	--	mg/L	500	28.3	#VALUE!	2139935.753
5439000	6/26/1994	482	482	1.62	787.49	242	1.5096%	Chloride	--	mg/L	500	28.3	#VALUE!	2122501.66
5439000	4/12/2008	482	482	1.62	787.49	242	1.5096%	Chloride	--	mg/L	500	28.3	#VALUE!	2122501.66
5439000	2/24/1985	480	480	1.62	784.25	244	1.5221%	Chloride	--	mg/L	500	28.3	#VALUE!	2113784.614
5439000	8/17/1980	476	476	1.62	777.78	245	1.5283%	Chloride	--	mg/L	500	28.3	#VALUE!	2096350.521
5439000	3/6/1985	476	476	1.62	777.78	245	1.5283%	Chloride	--	mg/L	500	28.3	#VALUE!	2096350.521
5439000	3/9/1990	476	476	1.62	777.78	245	1.5283%	Chloride	--	mg/L	500	28.3	#VALUE!	2096350.521
5439000	6/10/1993	474	474	1.62	774.55	248	1.5470%	Chloride	--	mg/L	500	28.3	#VALUE!	2087633.475

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5439000	5/15/2010	474	474	1.62	774.55	248	1.5470%	Chloride	--	mg/L	500	28.3	#VALUE!	2087633.475
5439000	3/5/1929	472	472	1.62	771.32	250	1.5595%	Chloride	--	mg/L	500	28.3	#VALUE!	2078916.429
5439000	1/14/1995	470	470	1.62	768.08	251	1.5657%	Chloride	--	mg/L	500	28.3	#VALUE!	2070199.382
5439000	4/15/1993	469	469	1.62	766.46	252	1.5720%	Chloride	--	mg/L	500	28.3	#VALUE!	2065840.859
5439000	6/24/1996	468	468	1.62	764.85	253	1.5782%	Chloride	--	mg/L	500	28.3	#VALUE!	2061482.336
5439000	5/23/1995	467	467	1.62	763.23	254	1.5844%	Chloride	--	mg/L	500	28.3	#VALUE!	2057123.813
5439000	9/12/1980	465	465	1.62	760.00	255	1.5907%	Chloride	--	mg/L	500	28.3	#VALUE!	2048406.767
5439000	7/12/2008	465	465	1.62	760.00	255	1.5907%	Chloride	--	mg/L	500	28.3	#VALUE!	2048406.767
5439000	3/1/1926	464	464	1.62	758.38	257	1.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	2044048.244
5439000	4/20/1927	464	464	1.62	758.38	257	1.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	2044048.244
5439000	7/4/1928	464	464	1.62	758.38	257	1.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	2044048.244
5439000	3/14/2014	463	463	1.62	756.76	260	1.6219%	Chloride	--	mg/L	500	28.3	#VALUE!	2039689.72
5439000	2/28/1997	462	462	1.62	755.14	261	1.6281%	Chloride	--	mg/L	500	28.3	#VALUE!	2035331.197
5439000	6/15/1993	458	458	1.62	748.68	262	1.6343%	Chloride	--	mg/L	500	28.3	#VALUE!	2017897.105
5439000	4/25/1929	457	457	1.62	747.06	263	1.6406%	Chloride	--	mg/L	500	28.3	#VALUE!	2013538.582
5439000	11/2/1985	457	457	1.62	747.06	263	1.6406%	Chloride	--	mg/L	500	28.3	#VALUE!	2013538.582
5439000	5/12/2003	457	457	1.62	747.06	263	1.6406%	Chloride	--	mg/L	500	28.3	#VALUE!	2013538.582
5439000	4/2/1993	456	456	1.62	745.44	266	1.6593%	Chloride	--	mg/L	500	28.3	#VALUE!	2009180.058
5439000	5/31/1996	456	456	1.62	745.44	266	1.6593%	Chloride	--	mg/L	500	28.3	#VALUE!	2009180.058
5439000	12/15/2011	452	452	1.62	738.97	268	1.6718%	Chloride	--	mg/L	500	28.3	#VALUE!	1991745.966
5439000	7/7/1982	451	451	1.62	737.36	269	1.6780%	Chloride	--	mg/L	500	28.3	#VALUE!	1987387.443
5439000	4/5/1983	451	451	1.62	737.36	269	1.6780%	Chloride	--	mg/L	500	28.3	#VALUE!	1987387.443
5439000	4/19/1927	450	450	1.62	735.74	271	1.6905%	Chloride	--	mg/L	500	28.3	#VALUE!	1983028.919
5439000	7/5/1928	450	450	1.62	735.74	271	1.6905%	Chloride	--	mg/L	500	28.3	#VALUE!	1983028.919
5439000	2/4/1986	450	450	1.62	735.74	271	1.6905%	Chloride	--	mg/L	500	28.3	#VALUE!	1983028.919
5439000	4/3/1982	449	449	1.62	734.12	274	1.7092%	Chloride	--	mg/L	500	28.3	#VALUE!	1978670.396
5439000	2/18/2008	448	448	1.62	732.51	275	1.7154%	Chloride	--	mg/L	500	28.3	#VALUE!	1974311.873
5439000	8/4/1989	447	447	1.62	730.89	276	1.7217%	Chloride	--	mg/L	500	28.3	#VALUE!	1969953.35
5439000	4/1/2009	447	447	1.62	730.89	276	1.7217%	Chloride	--	mg/L	500	28.3	#VALUE!	1969953.35
5439000	5/20/1986	446	446	1.62	729.27	278	1.7341%	Chloride	--	mg/L	500	28.3	#VALUE!	1965594.827
5439000	12/31/1992	446	446	1.62	729.27	278	1.7341%	Chloride	--	mg/L	500	28.3	#VALUE!	1965594.827

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5439000	7/31/1989	445	445	1.62	727.65	280	1.7466%	Chloride	--	mg/L	500	28.3	#VALUE!	1961236.304
5439000	3/17/1929	442	442	1.62	722.80	281	1.7529%	Chloride	--	mg/L	500	28.3	#VALUE!	1948160.734
5439000	3/13/2015	440	440	1.62	719.57	282	1.7591%	Chloride	--	mg/L	500	28.3	#VALUE!	1939443.688
5439000	12/7/1982	438	438	1.62	716.33	283	1.7653%	Chloride	--	mg/L	500	28.3	#VALUE!	1930726.642
5439000	2/6/1927	436	436	1.62	713.10	284	1.7716%	Chloride	--	mg/L	500	28.3	#VALUE!	1922009.595
5439000	5/25/1991	436	436	1.62	713.10	284	1.7716%	Chloride	--	mg/L	500	28.3	#VALUE!	1922009.595
5439000	3/26/1993	436	436	1.62	713.10	284	1.7716%	Chloride	--	mg/L	500	28.3	#VALUE!	1922009.595
5439000	3/13/2010	436	436	1.62	713.10	284	1.7716%	Chloride	--	mg/L	500	28.3	#VALUE!	1922009.595
5439000	9/17/1980	434	434	1.62	709.87	288	1.7965%	Chloride	--	mg/L	500	28.3	#VALUE!	1913292.549
5439000	6/7/2002	434	434	1.62	709.87	288	1.7965%	Chloride	--	mg/L	500	28.3	#VALUE!	1913292.549
5439000	6/23/2013	434	434	1.62	709.87	288	1.7965%	Chloride	--	mg/L	500	28.3	#VALUE!	1913292.549
5439000	5/24/1983	433	433	1.62	708.25	291	1.8152%	Chloride	--	mg/L	500	28.3	#VALUE!	1908934.026
5439000	3/13/1990	433	433	1.62	708.25	291	1.8152%	Chloride	--	mg/L	500	28.3	#VALUE!	1908934.026
5439000	2/8/2009	433	433	1.62	708.25	291	1.8152%	Chloride	--	mg/L	500	28.3	#VALUE!	1908934.026
5439000	8/5/1989	431	431	1.62	705.02	294	1.8339%	Chloride	--	mg/L	500	28.3	#VALUE!	1900216.98
5439000	6/20/2014	431	431	1.62	705.02	294	1.8339%	Chloride	--	mg/L	500	28.3	#VALUE!	1900216.98
5439000	5/15/2004	428	428	1.62	700.16	296	1.8464%	Chloride	--	mg/L	500	28.3	#VALUE!	1887141.41
5439000	3/6/1929	427	427	1.62	698.55	297	1.8527%	Chloride	--	mg/L	500	28.3	#VALUE!	1882782.887
5439000	7/6/1983	427	427	1.62	698.55	297	1.8527%	Chloride	--	mg/L	500	28.3	#VALUE!	1882782.887
5439000	4/20/1993	427	427	1.62	698.55	297	1.8527%	Chloride	--	mg/L	500	28.3	#VALUE!	1882782.887
5439000	8/21/2007	426	426	1.62	696.93	300	1.8714%	Chloride	--	mg/L	500	28.3	#VALUE!	1878424.364
5439000	3/13/2008	426	426	1.62	696.93	300	1.8714%	Chloride	--	mg/L	500	28.3	#VALUE!	1878424.364
5439000	5/26/2011	426	426	1.62	696.93	300	1.8714%	Chloride	--	mg/L	500	28.3	#VALUE!	1878424.364
5439000	1/25/1999	424	424	1.62	693.70	303	1.8901%	Chloride	--	mg/L	500	28.3	#VALUE!	1869707.317
5439000	4/10/1983	423	423	1.62	692.08	304	1.8963%	Chloride	--	mg/L	500	28.3	#VALUE!	1865348.794
5439000	2/18/1926	422	422	1.62	690.46	305	1.9026%	Chloride	--	mg/L	500	28.3	#VALUE!	1860990.271
5439000	4/6/1928	422	422	1.62	690.46	305	1.9026%	Chloride	--	mg/L	500	28.3	#VALUE!	1860990.271
5439000	1/25/2010	422	422	1.62	690.46	305	1.9026%	Chloride	--	mg/L	500	28.3	#VALUE!	1860990.271
5439000	5/25/1995	421	421	1.62	688.84	308	1.9213%	Chloride	--	mg/L	500	28.3	#VALUE!	1856631.748
5439000	4/9/1993	420	420	1.62	687.23	309	1.9275%	Chloride	--	mg/L	500	28.3	#VALUE!	1852273.225
5439000	5/24/2004	420	420	1.62	687.23	309	1.9275%	Chloride	--	mg/L	500	28.3	#VALUE!	1852273.225

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5439000	6/22/2014	420	420	1.62	687.23	309	1.9275%	Chloride	--	mg/L	500	28.3	#VALUE!	1852273.225
5439000	3/11/2007	419	419	1.62	685.61	312	1.9462%	Chloride	--	mg/L	500	28.3	#VALUE!	1847914.702
5439000	3/31/2009	419	419	1.62	685.61	312	1.9462%	Chloride	--	mg/L	500	28.3	#VALUE!	1847914.702
5439000	6/25/2013	419	419	1.62	685.61	312	1.9462%	Chloride	--	mg/L	500	28.3	#VALUE!	1847914.702
5439000	11/21/1985	418	418	1.62	683.99	315	1.9649%	Chloride	--	mg/L	500	28.3	#VALUE!	1843556.179
5439000	3/14/1990	418	418	1.62	683.99	315	1.9649%	Chloride	--	mg/L	500	28.3	#VALUE!	1843556.179
5439000	5/10/1990	418	418	1.62	683.99	315	1.9649%	Chloride	--	mg/L	500	28.3	#VALUE!	1843556.179
5439000	7/29/1996	418	418	1.62	683.99	315	1.9649%	Chloride	--	mg/L	500	28.3	#VALUE!	1843556.179
5439000	6/8/2009	418	418	1.62	683.99	315	1.9649%	Chloride	--	mg/L	500	28.3	#VALUE!	1843556.179
5439000	5/28/1991	416	416	1.62	680.76	320	1.9961%	Chloride	--	mg/L	500	28.3	#VALUE!	1834839.132
5439000	6/14/2015	416	416	1.62	680.76	320	1.9961%	Chloride	--	mg/L	500	28.3	#VALUE!	1834839.132
5439000	8/29/2007	415	415	1.62	679.14	322	2.0086%	Chloride	--	mg/L	500	28.3	#VALUE!	1830480.609
5439000	11/20/1928	413	413	1.62	675.91	323	2.0148%	Chloride	--	mg/L	500	28.3	#VALUE!	1821763.563
5439000	12/2/1982	413	413	1.62	675.91	323	2.0148%	Chloride	--	mg/L	500	28.3	#VALUE!	1821763.563
5439000	6/12/1998	413	413	1.62	675.91	323	2.0148%	Chloride	--	mg/L	500	28.3	#VALUE!	1821763.563
5439000	3/20/1982	411	411	1.62	672.67	326	2.0336%	Chloride	--	mg/L	500	28.3	#VALUE!	1813046.516
5439000	11/11/1995	411	411	1.62	672.67	326	2.0336%	Chloride	--	mg/L	500	28.3	#VALUE!	1813046.516
5439000	10/18/1998	411	411	1.62	672.67	326	2.0336%	Chloride	--	mg/L	500	28.3	#VALUE!	1813046.516
5439000	5/11/2008	411	411	1.62	672.67	326	2.0336%	Chloride	--	mg/L	500	28.3	#VALUE!	1813046.516
5439000	3/10/2010	410	410	1.62	671.06	330	2.0585%	Chloride	--	mg/L	500	28.3	#VALUE!	1808687.993
5439000	4/9/1926	408	408	1.62	667.82	331	2.0647%	Chloride	--	mg/L	500	28.3	#VALUE!	1799970.947
5439000	6/13/1926	408	408	1.62	667.82	331	2.0647%	Chloride	--	mg/L	500	28.3	#VALUE!	1799970.947
5439000	10/7/1927	408	408	1.62	667.82	331	2.0647%	Chloride	--	mg/L	500	28.3	#VALUE!	1799970.947
5439000	4/7/1928	408	408	1.62	667.82	331	2.0647%	Chloride	--	mg/L	500	28.3	#VALUE!	1799970.947
5439000	3/6/1993	408	408	1.62	667.82	331	2.0647%	Chloride	--	mg/L	500	28.3	#VALUE!	1799970.947
5439000	3/31/1993	408	408	1.62	667.82	331	2.0647%	Chloride	--	mg/L	500	28.3	#VALUE!	1799970.947
5439000	6/26/2013	408	408	1.62	667.82	331	2.0647%	Chloride	--	mg/L	500	28.3	#VALUE!	1799970.947
5439000	3/27/1991	407	407	1.62	666.20	338	2.1084%	Chloride	--	mg/L	500	28.3	#VALUE!	1795612.424
5439000	11/7/1994	407	407	1.62	666.20	338	2.1084%	Chloride	--	mg/L	500	28.3	#VALUE!	1795612.424
5439000	5/5/2015	407	407	1.62	666.20	338	2.1084%	Chloride	--	mg/L	500	28.3	#VALUE!	1795612.424
5439000	3/27/1932	406	406	1.62	664.59	341	2.1271%	Chloride	--	mg/L	500	28.3	#VALUE!	1791253.901

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5439000	4/9/1983	406	406	1.62	664.59	341	2.1271%	Chloride	--	mg/L	500	28.3	#VALUE!	1791253.901
5439000	6/3/1996	406	406	1.62	664.59	341	2.1271%	Chloride	--	mg/L	500	28.3	#VALUE!	1791253.901
5439000	6/7/1996	406	406	1.62	664.59	341	2.1271%	Chloride	--	mg/L	500	28.3	#VALUE!	1791253.901
5439000	7/20/1993	405	405	1.62	662.97	345	2.1521%	Chloride	--	mg/L	500	28.3	#VALUE!	1786895.378
5439000	6/3/1995	404	404	1.62	661.35	346	2.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	1782536.854
5439000	7/22/1996	404	404	1.62	661.35	346	2.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	1782536.854
5439000	9/14/1980	403	403	1.62	659.74	348	2.1708%	Chloride	--	mg/L	500	28.3	#VALUE!	1778178.331
5439000	6/12/1987	403	403	1.62	659.74	348	2.1708%	Chloride	--	mg/L	500	28.3	#VALUE!	1778178.331
5439000	4/15/1991	403	403	1.62	659.74	348	2.1708%	Chloride	--	mg/L	500	28.3	#VALUE!	1778178.331
5439000	3/25/2009	403	403	1.62	659.74	348	2.1708%	Chloride	--	mg/L	500	28.3	#VALUE!	1778178.331
5439000	1/21/1988	400	400	1.62	654.89	352	2.1957%	Chloride	--	mg/L	500	28.3	#VALUE!	1765102.762
5439000	7/18/1993	400	400	1.62	654.89	352	2.1957%	Chloride	--	mg/L	500	28.3	#VALUE!	1765102.762
5439000	2/24/2000	400	400	1.62	654.89	352	2.1957%	Chloride	--	mg/L	500	28.3	#VALUE!	1765102.762
5439000	4/21/2000	400	400	1.62	654.89	352	2.1957%	Chloride	--	mg/L	500	28.3	#VALUE!	1765102.762
5439000	1/8/2008	400	400	1.62	654.89	352	2.1957%	Chloride	--	mg/L	500	28.3	#VALUE!	1765102.762
5439000	2/18/2011	400	400	1.62	654.89	352	2.1957%	Chloride	--	mg/L	500	28.3	#VALUE!	1765102.762
5439000	6/22/2013	400	400	1.62	654.89	352	2.1957%	Chloride	--	mg/L	500	28.3	#VALUE!	1765102.762
5439000	6/15/1929	399	399	1.62	653.27	359	2.2394%	Chloride	--	mg/L	500	28.3	#VALUE!	1760744.239
5439000	12/1/1985	399	399	1.62	653.27	359	2.2394%	Chloride	--	mg/L	500	28.3	#VALUE!	1760744.239
5439000	2/10/2009	397	397	1.62	650.03	361	2.2519%	Chloride	--	mg/L	500	28.3	#VALUE!	1752027.192
5439000	3/5/1993	396	396	1.62	648.42	362	2.2581%	Chloride	--	mg/L	500	28.3	#VALUE!	1747668.669
5439000	4/3/1993	396	396	1.62	648.42	362	2.2581%	Chloride	--	mg/L	500	28.3	#VALUE!	1747668.669
5439000	4/6/1983	395	395	1.62	646.80	364	2.2706%	Chloride	--	mg/L	500	28.3	#VALUE!	1743310.146
5439000	2/26/1926	394	394	1.62	645.18	365	2.2768%	Chloride	--	mg/L	500	28.3	#VALUE!	1738951.623
5439000	11/17/1926	394	394	1.62	645.18	365	2.2768%	Chloride	--	mg/L	500	28.3	#VALUE!	1738951.623
5439000	12/9/1987	394	394	1.62	645.18	365	2.2768%	Chloride	--	mg/L	500	28.3	#VALUE!	1738951.623
5439000	4/17/1998	394	394	1.62	645.18	365	2.2768%	Chloride	--	mg/L	500	28.3	#VALUE!	1738951.623
5439000	3/6/1994	392	392	1.62	641.95	369	2.3018%	Chloride	--	mg/L	500	28.3	#VALUE!	1730234.577
5439000	7/3/2014	392	392	1.62	641.95	369	2.3018%	Chloride	--	mg/L	500	28.3	#VALUE!	1730234.577
5439000	12/23/2007	391	391	1.62	640.33	371	2.3143%	Chloride	--	mg/L	500	28.3	#VALUE!	1725876.053
5439000	5/10/1995	390	390	1.62	638.71	372	2.3205%	Chloride	--	mg/L	500	28.3	#VALUE!	1721517.53

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/9/2003	390	390	1.62	638.71	372	2.3205%	Chloride	--	mg/L	500	28.3	#VALUE!	1721517.53
5439000	3/15/1990	389	389	1.62	637.10	374	2.3330%	Chloride	--	mg/L	500	28.3	#VALUE!	1717159.007
5439000	1/22/1999	389	389	1.62	637.10	374	2.3330%	Chloride	--	mg/L	500	28.3	#VALUE!	1717159.007
5439000	8/19/1980	388	388	1.62	635.48	376	2.3455%	Chloride	--	mg/L	500	28.3	#VALUE!	1712800.484
5439000	11/1/2009	388	388	1.62	635.48	376	2.3455%	Chloride	--	mg/L	500	28.3	#VALUE!	1712800.484
5439000	3/14/2010	388	388	1.62	635.48	376	2.3455%	Chloride	--	mg/L	500	28.3	#VALUE!	1712800.484
5439000	2/12/2009	387	387	1.62	633.86	379	2.3642%	Chloride	--	mg/L	500	28.3	#VALUE!	1708441.961
5439000	4/18/1993	386	386	1.62	632.25	380	2.3704%	Chloride	--	mg/L	500	28.3	#VALUE!	1704083.438
5439000	5/12/1999	386	386	1.62	632.25	380	2.3704%	Chloride	--	mg/L	500	28.3	#VALUE!	1704083.438
5439000	3/22/2007	386	386	1.62	632.25	380	2.3704%	Chloride	--	mg/L	500	28.3	#VALUE!	1704083.438
5439000	4/10/2008	386	386	1.62	632.25	380	2.3704%	Chloride	--	mg/L	500	28.3	#VALUE!	1704083.438
5439000	4/2/1929	385	385	1.62	630.63	384	2.3954%	Chloride	--	mg/L	500	28.3	#VALUE!	1699724.915
5439000	5/6/2015	385	385	1.62	630.63	384	2.3954%	Chloride	--	mg/L	500	28.3	#VALUE!	1699724.915
5439000	6/1/2011	383	383	1.62	627.39	386	2.4078%	Chloride	--	mg/L	500	28.3	#VALUE!	1691007.868
5439000	3/28/1983	382	382	1.62	625.78	387	2.4141%	Chloride	--	mg/L	500	28.3	#VALUE!	1686649.345
5439000	6/19/1996	382	382	1.62	625.78	387	2.4141%	Chloride	--	mg/L	500	28.3	#VALUE!	1686649.345
5439000	6/24/2013	382	382	1.62	625.78	387	2.4141%	Chloride	--	mg/L	500	28.3	#VALUE!	1686649.345
5439000	4/10/1926	380	380	1.62	622.54	390	2.4328%	Chloride	--	mg/L	500	28.3	#VALUE!	1677932.299
5439000	9/24/1926	380	380	1.62	622.54	390	2.4328%	Chloride	--	mg/L	500	28.3	#VALUE!	1677932.299
5439000	9/25/1926	380	380	1.62	622.54	390	2.4328%	Chloride	--	mg/L	500	28.3	#VALUE!	1677932.299
5439000	10/5/1926	380	380	1.62	622.54	390	2.4328%	Chloride	--	mg/L	500	28.3	#VALUE!	1677932.299
5439000	3/19/1991	379	379	1.62	620.93	394	2.4577%	Chloride	--	mg/L	500	28.3	#VALUE!	1673573.776
5439000	8/9/2007	379	379	1.62	620.93	394	2.4577%	Chloride	--	mg/L	500	28.3	#VALUE!	1673573.776
5439000	2/28/1985	378	378	1.62	619.31	396	2.4702%	Chloride	--	mg/L	500	28.3	#VALUE!	1669215.252
5439000	6/2/1989	378	378	1.62	619.31	396	2.4702%	Chloride	--	mg/L	500	28.3	#VALUE!	1669215.252
5439000	2/24/1997	378	378	1.62	619.31	396	2.4702%	Chloride	--	mg/L	500	28.3	#VALUE!	1669215.252
5439000	1/7/2008	377	377	1.62	617.69	399	2.4889%	Chloride	--	mg/L	500	28.3	#VALUE!	1664856.729
5439000	1/9/2008	377	377	1.62	617.69	399	2.4889%	Chloride	--	mg/L	500	28.3	#VALUE!	1664856.729
5439000	9/27/1993	376	376	1.62	616.08	401	2.5014%	Chloride	--	mg/L	500	28.3	#VALUE!	1660498.206
5439000	9/18/1980	375	375	1.62	614.46	402	2.5076%	Chloride	--	mg/L	500	28.3	#VALUE!	1656139.683
5439000	6/1/1996	375	375	1.62	614.46	402	2.5076%	Chloride	--	mg/L	500	28.3	#VALUE!	1656139.683

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/16/1984	374	374	1.62	612.84	404	2.5201%	Chloride	--	mg/L	500	28.3	#VALUE!	1651781.16
5439000	11/29/1990	374	374	1.62	612.84	404	2.5201%	Chloride	--	mg/L	500	28.3	#VALUE!	1651781.16
5439000	3/28/1991	373	373	1.62	611.22	406	2.5326%	Chloride	--	mg/L	500	28.3	#VALUE!	1647422.637
5439000	12/17/1992	372	372	1.62	609.61	407	2.5388%	Chloride	--	mg/L	500	28.3	#VALUE!	1643064.114
5439000	2/27/2001	372	372	1.62	609.61	407	2.5388%	Chloride	--	mg/L	500	28.3	#VALUE!	1643064.114
5439000	4/20/2011	372	372	1.62	609.61	407	2.5388%	Chloride	--	mg/L	500	28.3	#VALUE!	1643064.114
5439000	6/21/2014	372	372	1.62	609.61	407	2.5388%	Chloride	--	mg/L	500	28.3	#VALUE!	1643064.114
5439000	3/14/1929	371	371	1.62	607.99	411	2.5638%	Chloride	--	mg/L	500	28.3	#VALUE!	1638705.59
5439000	3/18/1929	371	371	1.62	607.99	411	2.5638%	Chloride	--	mg/L	500	28.3	#VALUE!	1638705.59
5439000	4/20/2000	371	371	1.62	607.99	411	2.5638%	Chloride	--	mg/L	500	28.3	#VALUE!	1638705.59
5439000	7/21/2007	371	371	1.62	607.99	411	2.5638%	Chloride	--	mg/L	500	28.3	#VALUE!	1638705.59
5439000	2/11/2009	370	370	1.62	606.37	415	2.5887%	Chloride	--	mg/L	500	28.3	#VALUE!	1634347.067
5439000	5/14/2004	369	369	1.62	604.76	416	2.5950%	Chloride	--	mg/L	500	28.3	#VALUE!	1629988.544
5439000	4/22/2013	369	369	1.62	604.76	416	2.5950%	Chloride	--	mg/L	500	28.3	#VALUE!	1629988.544
5439000	6/27/2013	369	369	1.62	604.76	416	2.5950%	Chloride	--	mg/L	500	28.3	#VALUE!	1629988.544
5439000	4/29/1927	367	367	1.62	601.52	419	2.6137%	Chloride	--	mg/L	500	28.3	#VALUE!	1621271.498
5439000	3/3/1929	367	367	1.62	601.52	419	2.6137%	Chloride	--	mg/L	500	28.3	#VALUE!	1621271.498
5439000	4/17/1930	367	367	1.62	601.52	419	2.6137%	Chloride	--	mg/L	500	28.3	#VALUE!	1621271.498
5439000	3/28/1932	367	367	1.62	601.52	419	2.6137%	Chloride	--	mg/L	500	28.3	#VALUE!	1621271.498
5439000	7/11/1986	367	367	1.62	601.52	419	2.6137%	Chloride	--	mg/L	500	28.3	#VALUE!	1621271.498
5439000	3/30/2009	366	366	1.62	599.90	424	2.6449%	Chloride	--	mg/L	500	28.3	#VALUE!	1616912.975
5439000	5/1/2009	366	366	1.62	599.90	424	2.6449%	Chloride	--	mg/L	500	28.3	#VALUE!	1616912.975
5439000	4/21/1998	364	364	1.62	596.67	426	2.6574%	Chloride	--	mg/L	500	28.3	#VALUE!	1608195.928
5439000	6/12/2011	364	364	1.62	596.67	426	2.6574%	Chloride	--	mg/L	500	28.3	#VALUE!	1608195.928
5439000	7/8/1982	363	363	1.62	595.05	428	2.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	1603837.405
5439000	7/24/1982	363	363	1.62	595.05	428	2.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	1603837.405
5439000	4/1/2008	362	362	1.62	593.44	430	2.6823%	Chloride	--	mg/L	500	28.3	#VALUE!	1599478.882
5439000	8/8/1996	360	360	1.62	590.20	431	2.6885%	Chloride	--	mg/L	500	28.3	#VALUE!	1590761.836
5439000	5/14/2002	360	360	1.62	590.20	431	2.6885%	Chloride	--	mg/L	500	28.3	#VALUE!	1590761.836
5439000	9/19/2008	359	359	1.62	588.58	433	2.7010%	Chloride	--	mg/L	500	28.3	#VALUE!	1586403.313
5439000	7/1/2013	359	359	1.62	588.58	433	2.7010%	Chloride	--	mg/L	500	28.3	#VALUE!	1586403.313

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5439000	6/15/1999	358	358	1.62	586.97	435	2.7135%	Chloride	--	mg/L	500	28.3	#VALUE!	1582044.789
5439000	4/13/2008	358	358	1.62	586.97	435	2.7135%	Chloride	--	mg/L	500	28.3	#VALUE!	1582044.789
5439000	3/17/2014	358	358	1.62	586.97	435	2.7135%	Chloride	--	mg/L	500	28.3	#VALUE!	1582044.789
5439000	2/22/1994	357	357	1.62	585.35	438	2.7322%	Chloride	--	mg/L	500	28.3	#VALUE!	1577686.266
5439000	3/14/2008	357	357	1.62	585.35	438	2.7322%	Chloride	--	mg/L	500	28.3	#VALUE!	1577686.266
5439000	3/7/1993	356	356	1.62	583.73	440	2.7447%	Chloride	--	mg/L	500	28.3	#VALUE!	1573327.743
5439000	1/15/1995	356	356	1.62	583.73	440	2.7447%	Chloride	--	mg/L	500	28.3	#VALUE!	1573327.743
5439000	5/29/1995	356	356	1.62	583.73	440	2.7447%	Chloride	--	mg/L	500	28.3	#VALUE!	1573327.743
5439000	3/3/2007	355	355	1.62	582.12	443	2.7634%	Chloride	--	mg/L	500	28.3	#VALUE!	1568969.22
5439000	4/27/2007	355	355	1.62	582.12	443	2.7634%	Chloride	--	mg/L	500	28.3	#VALUE!	1568969.22
5439000	1/1/2009	355	355	1.62	582.12	443	2.7634%	Chloride	--	mg/L	500	28.3	#VALUE!	1568969.22
5439000	3/12/2009	355	355	1.62	582.12	443	2.7634%	Chloride	--	mg/L	500	28.3	#VALUE!	1568969.22
5439000	12/28/2009	355	355	1.62	582.12	443	2.7634%	Chloride	--	mg/L	500	28.3	#VALUE!	1568969.22
5439000	2/28/1926	354	354	1.62	580.50	448	2.7946%	Chloride	--	mg/L	500	28.3	#VALUE!	1564610.697
5439000	6/11/1926	354	354	1.62	580.50	448	2.7946%	Chloride	--	mg/L	500	28.3	#VALUE!	1564610.697
5439000	5/27/1927	354	354	1.62	580.50	448	2.7946%	Chloride	--	mg/L	500	28.3	#VALUE!	1564610.697
5439000	4/8/1928	354	354	1.62	580.50	448	2.7946%	Chloride	--	mg/L	500	28.3	#VALUE!	1564610.697
5439000	7/20/1928	354	354	1.62	580.50	448	2.7946%	Chloride	--	mg/L	500	28.3	#VALUE!	1564610.697
5439000	12/8/1982	354	354	1.62	580.50	448	2.7946%	Chloride	--	mg/L	500	28.3	#VALUE!	1564610.697
5439000	6/19/1993	353	353	1.62	578.88	454	2.8320%	Chloride	--	mg/L	500	28.3	#VALUE!	1560252.174
5439000	7/10/2007	352	352	1.62	577.26	455	2.8383%	Chloride	--	mg/L	500	28.3	#VALUE!	1555893.65
5439000	2/28/2009	352	352	1.62	577.26	455	2.8383%	Chloride	--	mg/L	500	28.3	#VALUE!	1555893.65
5439000	6/9/2009	352	352	1.62	577.26	455	2.8383%	Chloride	--	mg/L	500	28.3	#VALUE!	1555893.65
5439000	3/27/1993	351	351	1.62	575.65	458	2.8570%	Chloride	--	mg/L	500	28.3	#VALUE!	1551535.127
5439000	4/21/1993	351	351	1.62	575.65	458	2.8570%	Chloride	--	mg/L	500	28.3	#VALUE!	1551535.127
5439000	5/27/2011	351	351	1.62	575.65	458	2.8570%	Chloride	--	mg/L	500	28.3	#VALUE!	1551535.127
5439000	3/14/2013	351	351	1.62	575.65	458	2.8570%	Chloride	--	mg/L	500	28.3	#VALUE!	1551535.127
5439000	7/1/1983	350	350	1.62	574.03	462	2.8819%	Chloride	--	mg/L	500	28.3	#VALUE!	1547176.604
5439000	5/7/1998	350	350	1.62	574.03	462	2.8819%	Chloride	--	mg/L	500	28.3	#VALUE!	1547176.604
5439000	2/19/2011	350	350	1.62	574.03	462	2.8819%	Chloride	--	mg/L	500	28.3	#VALUE!	1547176.604
5439000	1/30/1988	348	348	1.62	570.80	465	2.9006%	Chloride	--	mg/L	500	28.3	#VALUE!	1538459.558

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/5/2011	348	348	1.62	570.80	465	2.9006%	Chloride	--	mg/L	500	28.3	#VALUE!	1538459.558
5439000	11/3/1985	347	347	1.62	569.18	467	2.9131%	Chloride	--	mg/L	500	28.3	#VALUE!	1534101.035
5439000	4/12/1995	347	347	1.62	569.18	467	2.9131%	Chloride	--	mg/L	500	28.3	#VALUE!	1534101.035
5439000	6/17/1981	346	346	1.62	567.56	469	2.9256%	Chloride	--	mg/L	500	28.3	#VALUE!	1529742.512
5439000	11/29/1987	346	346	1.62	567.56	469	2.9256%	Chloride	--	mg/L	500	28.3	#VALUE!	1529742.512
5439000	12/25/1987	346	346	1.62	567.56	469	2.9256%	Chloride	--	mg/L	500	28.3	#VALUE!	1529742.512
5439000	2/9/2009	346	346	1.62	567.56	469	2.9256%	Chloride	--	mg/L	500	28.3	#VALUE!	1529742.512
5439000	2/25/2000	345	345	1.62	565.95	473	2.9505%	Chloride	--	mg/L	500	28.3	#VALUE!	1525383.988
5439000	6/16/2000	345	345	1.62	565.95	473	2.9505%	Chloride	--	mg/L	500	28.3	#VALUE!	1525383.988
5439000	4/3/1929	344	344	1.62	564.33	475	2.9630%	Chloride	--	mg/L	500	28.3	#VALUE!	1521025.465
5439000	4/26/1929	344	344	1.62	564.33	475	2.9630%	Chloride	--	mg/L	500	28.3	#VALUE!	1521025.465
5439000	11/10/1985	344	344	1.62	564.33	475	2.9630%	Chloride	--	mg/L	500	28.3	#VALUE!	1521025.465
5439000	4/16/1991	344	344	1.62	564.33	475	2.9630%	Chloride	--	mg/L	500	28.3	#VALUE!	1521025.465
5439000	11/23/1992	344	344	1.62	564.33	475	2.9630%	Chloride	--	mg/L	500	28.3	#VALUE!	1521025.465
5439000	4/8/1988	343	343	1.62	562.71	480	2.9942%	Chloride	--	mg/L	500	28.3	#VALUE!	1516666.942
5439000	4/4/1993	343	343	1.62	562.71	480	2.9942%	Chloride	--	mg/L	500	28.3	#VALUE!	1516666.942
5439000	6/21/2015	343	343	1.62	562.71	480	2.9942%	Chloride	--	mg/L	500	28.3	#VALUE!	1516666.942
5439000	7/24/2010	342	342	1.62	561.09	483	3.0129%	Chloride	--	mg/L	500	28.3	#VALUE!	1512308.419
5439000	6/17/1926	341	341	1.62	559.48	484	3.0192%	Chloride	--	mg/L	500	28.3	#VALUE!	1507949.896
5439000	11/18/1926	341	341	1.62	559.48	484	3.0192%	Chloride	--	mg/L	500	28.3	#VALUE!	1507949.896
5439000	4/21/1927	341	341	1.62	559.48	484	3.0192%	Chloride	--	mg/L	500	28.3	#VALUE!	1507949.896
5439000	7/9/1933	341	341	1.62	559.48	484	3.0192%	Chloride	--	mg/L	500	28.3	#VALUE!	1507949.896
5439000	12/8/1987	341	341	1.62	559.48	484	3.0192%	Chloride	--	mg/L	500	28.3	#VALUE!	1507949.896
5439000	4/9/2002	341	341	1.62	559.48	484	3.0192%	Chloride	--	mg/L	500	28.3	#VALUE!	1507949.896
5439000	8/30/2007	341	341	1.62	559.48	484	3.0192%	Chloride	--	mg/L	500	28.3	#VALUE!	1507949.896
5439000	8/31/1987	340	340	1.62	557.86	491	3.0628%	Chloride	--	mg/L	500	28.3	#VALUE!	1503591.373
5439000	4/24/2013	340	340	1.62	557.86	491	3.0628%	Chloride	--	mg/L	500	28.3	#VALUE!	1503591.373
5439000	5/17/1986	339	339	1.62	556.24	493	3.0753%	Chloride	--	mg/L	500	28.3	#VALUE!	1499232.849
5439000	6/3/2004	338	338	1.62	554.63	494	3.0815%	Chloride	--	mg/L	500	28.3	#VALUE!	1494874.326
5439000	4/19/1993	337	337	1.62	553.01	495	3.0878%	Chloride	--	mg/L	500	28.3	#VALUE!	1490515.803
5439000	3/16/1982	336	336	1.62	551.39	496	3.0940%	Chloride	--	mg/L	500	28.3	#VALUE!	1486157.28

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/7/1983	336	336	1.62	551.39	496	3.0940%	Chloride	--	mg/L	500	28.3	#VALUE!	1486157.28
5439000	3/12/2007	336	336	1.62	551.39	496	3.0940%	Chloride	--	mg/L	500	28.3	#VALUE!	1486157.28
5439000	5/9/1995	335	335	1.62	549.77	499	3.1127%	Chloride	--	mg/L	500	28.3	#VALUE!	1481798.757
5439000	6/20/2015	335	335	1.62	549.77	499	3.1127%	Chloride	--	mg/L	500	28.3	#VALUE!	1481798.757
5439000	3/12/2008	334	334	1.62	548.16	501	3.1252%	Chloride	--	mg/L	500	28.3	#VALUE!	1477440.234
5439000	5/11/1990	333	333	1.62	546.54	502	3.1314%	Chloride	--	mg/L	500	28.3	#VALUE!	1473081.711
5439000	5/10/1998	333	333	1.62	546.54	502	3.1314%	Chloride	--	mg/L	500	28.3	#VALUE!	1473081.711
5439000	5/10/2003	333	333	1.62	546.54	502	3.1314%	Chloride	--	mg/L	500	28.3	#VALUE!	1473081.711
5439000	3/13/1929	331	331	1.62	543.31	505	3.1501%	Chloride	--	mg/L	500	28.3	#VALUE!	1464364.664
5439000	6/19/1929	331	331	1.62	543.31	505	3.1501%	Chloride	--	mg/L	500	28.3	#VALUE!	1464364.664
5439000	5/23/1987	331	331	1.62	543.31	505	3.1501%	Chloride	--	mg/L	500	28.3	#VALUE!	1464364.664
5439000	4/28/1999	331	331	1.62	543.31	505	3.1501%	Chloride	--	mg/L	500	28.3	#VALUE!	1464364.664
5439000	3/23/2007	331	331	1.62	543.31	505	3.1501%	Chloride	--	mg/L	500	28.3	#VALUE!	1464364.664
5439000	5/29/1984	330	330	1.62	541.69	510	3.1813%	Chloride	--	mg/L	500	28.3	#VALUE!	1460006.141
5439000	11/26/1992	329	329	1.62	540.07	511	3.1876%	Chloride	--	mg/L	500	28.3	#VALUE!	1455647.618
5439000	10/4/1926	328	328	1.62	538.45	512	3.1938%	Chloride	--	mg/L	500	28.3	#VALUE!	1451289.095
5439000	2/3/1927	328	328	1.62	538.45	512	3.1938%	Chloride	--	mg/L	500	28.3	#VALUE!	1451289.095
5439000	2/26/1930	328	328	1.62	538.45	512	3.1938%	Chloride	--	mg/L	500	28.3	#VALUE!	1451289.095
5439000	5/9/1933	328	328	1.62	538.45	512	3.1938%	Chloride	--	mg/L	500	28.3	#VALUE!	1451289.095
5439000	3/13/1982	328	328	1.62	538.45	512	3.1938%	Chloride	--	mg/L	500	28.3	#VALUE!	1451289.095
5439000	4/4/1982	328	328	1.62	538.45	512	3.1938%	Chloride	--	mg/L	500	28.3	#VALUE!	1451289.095
5439000	4/9/2008	328	328	1.62	538.45	512	3.1938%	Chloride	--	mg/L	500	28.3	#VALUE!	1451289.095
5439000	8/22/2007	327	327	1.62	536.84	519	3.2375%	Chloride	--	mg/L	500	28.3	#VALUE!	1446930.572
5439000	5/30/1982	326	326	1.62	535.22	520	3.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	1442572.048
5439000	3/1/1985	326	326	1.62	535.22	520	3.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	1442572.048
5439000	5/21/1986	326	326	1.62	535.22	520	3.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	1442572.048
5439000	4/29/1981	324	324	1.62	531.99	523	3.2624%	Chloride	--	mg/L	500	28.3	#VALUE!	1433855.002
5439000	3/7/1985	323	323	1.62	530.37	524	3.2687%	Chloride	--	mg/L	500	28.3	#VALUE!	1429496.479
5439000	12/3/1985	322	322	1.62	528.75	525	3.2749%	Chloride	--	mg/L	500	28.3	#VALUE!	1425137.956
5439000	1/24/2010	322	322	1.62	528.75	525	3.2749%	Chloride	--	mg/L	500	28.3	#VALUE!	1425137.956
5439000	7/7/1983	321	321	1.62	527.14	527	3.2874%	Chloride	--	mg/L	500	28.3	#VALUE!	1420779.433

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5439000	4/16/1999	321	321	1.62	527.14	527	3.2874%	Chloride	--	mg/L	500	28.3	#VALUE!	1420779.433
5439000	5/14/1999	321	321	1.62	527.14	527	3.2874%	Chloride	--	mg/L	500	28.3	#VALUE!	1420779.433
5439000	3/19/2014	321	321	1.62	527.14	527	3.2874%	Chloride	--	mg/L	500	28.3	#VALUE!	1420779.433
5439000	9/15/1980	320	320	1.62	525.52	531	3.3123%	Chloride	--	mg/L	500	28.3	#VALUE!	1416420.91
5439000	12/16/1992	320	320	1.62	525.52	531	3.3123%	Chloride	--	mg/L	500	28.3	#VALUE!	1416420.91
5439000	2/20/2011	320	320	1.62	525.52	531	3.3123%	Chloride	--	mg/L	500	28.3	#VALUE!	1416420.91
5439000	7/3/1982	319	319	1.62	523.90	534	3.3310%	Chloride	--	mg/L	500	28.3	#VALUE!	1412062.386
5439000	5/27/1996	319	319	1.62	523.90	534	3.3310%	Chloride	--	mg/L	500	28.3	#VALUE!	1412062.386
5439000	3/19/1998	319	319	1.62	523.90	534	3.3310%	Chloride	--	mg/L	500	28.3	#VALUE!	1412062.386
5439000	4/26/2007	319	319	1.62	523.90	534	3.3310%	Chloride	--	mg/L	500	28.3	#VALUE!	1412062.386
5439000	3/5/2008	319	319	1.62	523.90	534	3.3310%	Chloride	--	mg/L	500	28.3	#VALUE!	1412062.386
5439000	11/21/1928	318	318	1.62	522.28	539	3.3622%	Chloride	--	mg/L	500	28.3	#VALUE!	1407703.863
5439000	3/15/1929	318	318	1.62	522.28	539	3.3622%	Chloride	--	mg/L	500	28.3	#VALUE!	1407703.863
5439000	6/21/1993	318	318	1.62	522.28	539	3.3622%	Chloride	--	mg/L	500	28.3	#VALUE!	1407703.863
5439000	4/27/1995	318	318	1.62	522.28	539	3.3622%	Chloride	--	mg/L	500	28.3	#VALUE!	1407703.863
5439000	11/23/1931	316	316	1.62	519.05	543	3.3872%	Chloride	--	mg/L	500	28.3	#VALUE!	1398986.817
5439000	5/8/1933	316	316	1.62	519.05	543	3.3872%	Chloride	--	mg/L	500	28.3	#VALUE!	1398986.817
5439000	4/23/1981	316	316	1.62	519.05	543	3.3872%	Chloride	--	mg/L	500	28.3	#VALUE!	1398986.817
5439000	4/11/1983	316	316	1.62	519.05	543	3.3872%	Chloride	--	mg/L	500	28.3	#VALUE!	1398986.817
5439000	3/5/2004	316	316	1.62	519.05	543	3.3872%	Chloride	--	mg/L	500	28.3	#VALUE!	1398986.817
5439000	5/28/1927	315	315	1.62	517.43	548	3.4184%	Chloride	--	mg/L	500	28.3	#VALUE!	1394628.294
5439000	8/10/1980	315	315	1.62	517.43	548	3.4184%	Chloride	--	mg/L	500	28.3	#VALUE!	1394628.294
5439000	6/17/1996	315	315	1.62	517.43	548	3.4184%	Chloride	--	mg/L	500	28.3	#VALUE!	1394628.294
5439000	4/22/1998	315	315	1.62	517.43	548	3.4184%	Chloride	--	mg/L	500	28.3	#VALUE!	1394628.294
5439000	4/20/2009	315	315	1.62	517.43	548	3.4184%	Chloride	--	mg/L	500	28.3	#VALUE!	1394628.294
5439000	6/11/1993	314	314	1.62	515.82	553	3.4496%	Chloride	--	mg/L	500	28.3	#VALUE!	1390269.771
5439000	5/25/1996	314	314	1.62	515.82	553	3.4496%	Chloride	--	mg/L	500	28.3	#VALUE!	1390269.771
5439000	3/24/2007	314	314	1.62	515.82	553	3.4496%	Chloride	--	mg/L	500	28.3	#VALUE!	1390269.771
5439000	5/25/1983	313	313	1.62	514.20	556	3.4683%	Chloride	--	mg/L	500	28.3	#VALUE!	1385911.247
5439000	2/19/1984	313	313	1.62	514.20	556	3.4683%	Chloride	--	mg/L	500	28.3	#VALUE!	1385911.247
5439000	7/12/1986	313	313	1.62	514.20	556	3.4683%	Chloride	--	mg/L	500	28.3	#VALUE!	1385911.247

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5439000	4/25/1999	313	313	1.62	514.20	556	3.4683%	Chloride	--	mg/L	500	28.3	#VALUE!	1385911.247
5439000	5/26/1996	312	312	1.62	512.58	560	3.4932%	Chloride	--	mg/L	500	28.3	#VALUE!	1381552.724
5439000	6/4/1996	312	312	1.62	512.58	560	3.4932%	Chloride	--	mg/L	500	28.3	#VALUE!	1381552.724
5439000	4/30/2009	312	312	1.62	512.58	560	3.4932%	Chloride	--	mg/L	500	28.3	#VALUE!	1381552.724
5439000	2/21/2011	312	312	1.62	512.58	560	3.4932%	Chloride	--	mg/L	500	28.3	#VALUE!	1381552.724
5439000	3/17/1982	311	311	1.62	510.96	564	3.5182%	Chloride	--	mg/L	500	28.3	#VALUE!	1377194.201
5439000	3/29/1983	311	311	1.62	510.96	564	3.5182%	Chloride	--	mg/L	500	28.3	#VALUE!	1377194.201
5439000	8/20/1987	311	311	1.62	510.96	564	3.5182%	Chloride	--	mg/L	500	28.3	#VALUE!	1377194.201
5439000	7/23/1996	311	311	1.62	510.96	564	3.5182%	Chloride	--	mg/L	500	28.3	#VALUE!	1377194.201
5439000	2/12/2001	311	311	1.62	510.96	564	3.5182%	Chloride	--	mg/L	500	28.3	#VALUE!	1377194.201
5439000	3/9/2002	311	311	1.62	510.96	564	3.5182%	Chloride	--	mg/L	500	28.3	#VALUE!	1377194.201
5439000	6/16/1929	310	310	1.62	509.35	570	3.5556%	Chloride	--	mg/L	500	28.3	#VALUE!	1372835.678
5439000	6/1/1991	310	310	1.62	509.35	570	3.5556%	Chloride	--	mg/L	500	28.3	#VALUE!	1372835.678
5439000	5/11/1995	310	310	1.62	509.35	570	3.5556%	Chloride	--	mg/L	500	28.3	#VALUE!	1372835.678
5439000	4/2/2009	310	310	1.62	509.35	570	3.5556%	Chloride	--	mg/L	500	28.3	#VALUE!	1372835.678
5439000	8/20/1980	309	309	1.62	507.73	574	3.5806%	Chloride	--	mg/L	500	28.3	#VALUE!	1368477.155
5439000	4/8/1993	309	309	1.62	507.73	574	3.5806%	Chloride	--	mg/L	500	28.3	#VALUE!	1368477.155
5439000	4/17/1999	309	309	1.62	507.73	574	3.5806%	Chloride	--	mg/L	500	28.3	#VALUE!	1368477.155
5439000	6/8/2002	309	309	1.62	507.73	574	3.5806%	Chloride	--	mg/L	500	28.3	#VALUE!	1368477.155
5439000	5/16/2009	309	309	1.62	507.73	574	3.5806%	Chloride	--	mg/L	500	28.3	#VALUE!	1368477.155
5439000	5/16/2011	309	309	1.62	507.73	574	3.5806%	Chloride	--	mg/L	500	28.3	#VALUE!	1368477.155
5439000	4/23/2013	309	309	1.62	507.73	574	3.5806%	Chloride	--	mg/L	500	28.3	#VALUE!	1368477.155
5439000	12/25/1982	308	308	1.62	506.11	581	3.6242%	Chloride	--	mg/L	500	28.3	#VALUE!	1364118.632
5439000	4/10/1993	308	308	1.62	506.11	581	3.6242%	Chloride	--	mg/L	500	28.3	#VALUE!	1364118.632
5439000	6/25/2000	308	308	1.62	506.11	581	3.6242%	Chloride	--	mg/L	500	28.3	#VALUE!	1364118.632
5439000	6/4/2008	308	308	1.62	506.11	581	3.6242%	Chloride	--	mg/L	500	28.3	#VALUE!	1364118.632
5439000	6/8/1996	307	307	1.62	504.50	585	3.6492%	Chloride	--	mg/L	500	28.3	#VALUE!	1359760.109
5439000	6/1/2000	307	307	1.62	504.50	585	3.6492%	Chloride	--	mg/L	500	28.3	#VALUE!	1359760.109
5439000	5/25/2004	307	307	1.62	504.50	585	3.6492%	Chloride	--	mg/L	500	28.3	#VALUE!	1359760.109
5439000	11/10/2011	307	307	1.62	504.50	585	3.6492%	Chloride	--	mg/L	500	28.3	#VALUE!	1359760.109
5439000	3/3/1997	306	306	1.62	502.88	589	3.6741%	Chloride	--	mg/L	500	28.3	#VALUE!	1355401.585

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/16/1990	305	305	1.62	501.26	590	3.6804%	Chloride	--	mg/L	500	28.3	#VALUE!	1351043.062
5439000	4/18/1927	303	303	1.62	498.03	591	3.6866%	Chloride	--	mg/L	500	28.3	#VALUE!	1342326.016
5439000	4/30/1927	303	303	1.62	498.03	591	3.6866%	Chloride	--	mg/L	500	28.3	#VALUE!	1342326.016
5439000	7/8/1986	303	303	1.62	498.03	591	3.6866%	Chloride	--	mg/L	500	28.3	#VALUE!	1342326.016
5439000	9/7/1989	303	303	1.62	498.03	591	3.6866%	Chloride	--	mg/L	500	28.3	#VALUE!	1342326.016
5439000	3/18/1998	303	303	1.62	498.03	591	3.6866%	Chloride	--	mg/L	500	28.3	#VALUE!	1342326.016
5439000	5/13/2008	303	303	1.62	498.03	591	3.6866%	Chloride	--	mg/L	500	28.3	#VALUE!	1342326.016
5439000	6/27/1994	302	302	1.62	496.41	597	3.7240%	Chloride	--	mg/L	500	28.3	#VALUE!	1337967.493
5439000	3/16/2001	302	302	1.62	496.41	597	3.7240%	Chloride	--	mg/L	500	28.3	#VALUE!	1337967.493
5439000	3/2/1985	301	301	1.62	494.79	599	3.7365%	Chloride	--	mg/L	500	28.3	#VALUE!	1333608.97
5439000	5/31/1980	300	300	1.62	493.18	600	3.7427%	Chloride	--	mg/L	500	28.3	#VALUE!	1329250.447
5439000	2/23/1985	300	300	1.62	493.18	600	3.7427%	Chloride	--	mg/L	500	28.3	#VALUE!	1329250.447
5439000	12/20/1987	300	300	1.62	493.18	600	3.7427%	Chloride	--	mg/L	500	28.3	#VALUE!	1329250.447
5439000	11/13/1992	300	300	1.62	493.18	600	3.7427%	Chloride	--	mg/L	500	28.3	#VALUE!	1329250.447
5439000	12/16/2011	300	300	1.62	493.18	600	3.7427%	Chloride	--	mg/L	500	28.3	#VALUE!	1329250.447
5439000	8/6/1989	299	299	1.62	491.56	605	3.7739%	Chloride	--	mg/L	500	28.3	#VALUE!	1324891.923
5439000	6/11/1998	299	299	1.62	491.56	605	3.7739%	Chloride	--	mg/L	500	28.3	#VALUE!	1324891.923
5439000	4/22/1999	299	299	1.62	491.56	605	3.7739%	Chloride	--	mg/L	500	28.3	#VALUE!	1324891.923
5439000	11/9/2011	299	299	1.62	491.56	605	3.7739%	Chloride	--	mg/L	500	28.3	#VALUE!	1324891.923
5439000	6/12/2004	298	298	1.62	489.94	609	3.7989%	Chloride	--	mg/L	500	28.3	#VALUE!	1320533.4
5439000	3/13/2007	298	298	1.62	489.94	609	3.7989%	Chloride	--	mg/L	500	28.3	#VALUE!	1320533.4
5439000	3/26/2009	298	298	1.62	489.94	609	3.7989%	Chloride	--	mg/L	500	28.3	#VALUE!	1320533.4
5439000	11/21/1992	297	297	1.62	488.32	612	3.8176%	Chloride	--	mg/L	500	28.3	#VALUE!	1316174.877
5439000	5/26/1995	297	297	1.62	488.32	612	3.8176%	Chloride	--	mg/L	500	28.3	#VALUE!	1316174.877
5439000	8/14/1980	296	296	1.62	486.71	614	3.8301%	Chloride	--	mg/L	500	28.3	#VALUE!	1311816.354
5439000	6/3/1999	296	296	1.62	486.71	614	3.8301%	Chloride	--	mg/L	500	28.3	#VALUE!	1311816.354
5439000	5/29/1980	295	295	1.62	485.09	616	3.8426%	Chloride	--	mg/L	500	28.3	#VALUE!	1307457.831
5439000	2/17/2008	295	295	1.62	485.09	616	3.8426%	Chloride	--	mg/L	500	28.3	#VALUE!	1307457.831
5439000	8/21/1987	294	294	1.62	483.47	618	3.8550%	Chloride	--	mg/L	500	28.3	#VALUE!	1303099.308
5439000	12/10/1987	294	294	1.62	483.47	618	3.8550%	Chloride	--	mg/L	500	28.3	#VALUE!	1303099.308
5439000	1/6/1993	294	294	1.62	483.47	618	3.8550%	Chloride	--	mg/L	500	28.3	#VALUE!	1303099.308

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/15/2010	294	294	1.62	483.47	618	3.8550%	Chloride	--	mg/L	500	28.3	#VALUE!	1303099.308
5439000	11/22/1985	293	293	1.62	481.86	622	3.8800%	Chloride	--	mg/L	500	28.3	#VALUE!	1298740.784
5439000	5/17/2002	293	293	1.62	481.86	622	3.8800%	Chloride	--	mg/L	500	28.3	#VALUE!	1298740.784
5439000	12/14/1928	292	292	1.62	480.24	624	3.8925%	Chloride	--	mg/L	500	28.3	#VALUE!	1294382.261
5439000	12/17/1928	292	292	1.62	480.24	624	3.8925%	Chloride	--	mg/L	500	28.3	#VALUE!	1294382.261
5439000	3/7/1929	292	292	1.62	480.24	624	3.8925%	Chloride	--	mg/L	500	28.3	#VALUE!	1294382.261
5439000	3/19/1929	292	292	1.62	480.24	624	3.8925%	Chloride	--	mg/L	500	28.3	#VALUE!	1294382.261
5439000	2/25/1930	292	292	1.62	480.24	624	3.8925%	Chloride	--	mg/L	500	28.3	#VALUE!	1294382.261
5439000	4/21/1930	292	292	1.62	480.24	624	3.8925%	Chloride	--	mg/L	500	28.3	#VALUE!	1294382.261
5439000	2/12/1932	292	292	1.62	480.24	624	3.8925%	Chloride	--	mg/L	500	28.3	#VALUE!	1294382.261
5439000	12/25/1932	292	292	1.62	480.24	624	3.8925%	Chloride	--	mg/L	500	28.3	#VALUE!	1294382.261
5439000	4/11/1926	291	291	1.62	478.62	632	3.9424%	Chloride	--	mg/L	500	28.3	#VALUE!	1290023.738
5439000	11/19/1926	291	291	1.62	478.62	632	3.9424%	Chloride	--	mg/L	500	28.3	#VALUE!	1290023.738
5439000	11/26/1926	291	291	1.62	478.62	632	3.9424%	Chloride	--	mg/L	500	28.3	#VALUE!	1290023.738
5439000	2/4/1927	291	291	1.62	478.62	632	3.9424%	Chloride	--	mg/L	500	28.3	#VALUE!	1290023.738
5439000	3/28/1993	291	291	1.62	478.62	632	3.9424%	Chloride	--	mg/L	500	28.3	#VALUE!	1290023.738
5439000	6/30/1993	291	291	1.62	478.62	632	3.9424%	Chloride	--	mg/L	500	28.3	#VALUE!	1290023.738
5439000	3/21/1982	290	290	1.62	477.01	638	3.9798%	Chloride	--	mg/L	500	28.3	#VALUE!	1285665.215
5439000	4/23/1987	290	290	1.62	477.01	638	3.9798%	Chloride	--	mg/L	500	28.3	#VALUE!	1285665.215
5439000	2/12/1998	290	290	1.62	477.01	638	3.9798%	Chloride	--	mg/L	500	28.3	#VALUE!	1285665.215
5439000	3/19/1982	289	289	1.62	475.39	641	3.9985%	Chloride	--	mg/L	500	28.3	#VALUE!	1281306.692
5439000	12/9/1982	289	289	1.62	475.39	641	3.9985%	Chloride	--	mg/L	500	28.3	#VALUE!	1281306.692
5439000	2/17/1984	289	289	1.62	475.39	641	3.9985%	Chloride	--	mg/L	500	28.3	#VALUE!	1281306.692
5439000	11/22/1992	289	289	1.62	475.39	641	3.9985%	Chloride	--	mg/L	500	28.3	#VALUE!	1281306.692
5439000	5/13/2003	289	289	1.62	475.39	641	3.9985%	Chloride	--	mg/L	500	28.3	#VALUE!	1281306.692
5439000	9/16/1980	288	288	1.62	473.77	646	4.0297%	Chloride	--	mg/L	500	28.3	#VALUE!	1276948.169
5439000	4/1/1998	288	288	1.62	473.77	646	4.0297%	Chloride	--	mg/L	500	28.3	#VALUE!	1276948.169
5439000	5/29/1991	287	287	1.62	472.15	648	4.0422%	Chloride	--	mg/L	500	28.3	#VALUE!	1272589.646
5439000	4/9/1998	286	286	1.62	470.54	649	4.0484%	Chloride	--	mg/L	500	28.3	#VALUE!	1268231.122
5439000	1/28/1999	286	286	1.62	470.54	649	4.0484%	Chloride	--	mg/L	500	28.3	#VALUE!	1268231.122
5439000	5/2/2009	286	286	1.62	470.54	649	4.0484%	Chloride	--	mg/L	500	28.3	#VALUE!	1268231.122

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/16/2010	286	286	1.62	470.54	649	4.0484%	Chloride	--	mg/L	500	28.3	#VALUE!	1268231.122
5439000	9/19/1980	285	285	1.62	468.92	653	4.0734%	Chloride	--	mg/L	500	28.3	#VALUE!	1263872.599
5439000	4/5/1993	285	285	1.62	468.92	653	4.0734%	Chloride	--	mg/L	500	28.3	#VALUE!	1263872.599
5439000	9/28/1993	285	285	1.62	468.92	653	4.0734%	Chloride	--	mg/L	500	28.3	#VALUE!	1263872.599
5439000	6/2/2011	285	285	1.62	468.92	653	4.0734%	Chloride	--	mg/L	500	28.3	#VALUE!	1263872.599
5439000	6/23/2014	285	285	1.62	468.92	653	4.0734%	Chloride	--	mg/L	500	28.3	#VALUE!	1263872.599
5439000	11/13/1985	284	284	1.62	467.30	658	4.1045%	Chloride	--	mg/L	500	28.3	#VALUE!	1259514.076
5439000	6/16/1993	283	283	1.62	465.69	659	4.1108%	Chloride	--	mg/L	500	28.3	#VALUE!	1255155.553
5439000	9/15/1993	283	283	1.62	465.69	659	4.1108%	Chloride	--	mg/L	500	28.3	#VALUE!	1255155.553
5439000	11/30/1991	282	282	1.62	464.07	661	4.1233%	Chloride	--	mg/L	500	28.3	#VALUE!	1250797.03
5439000	11/8/1994	282	282	1.62	464.07	661	4.1233%	Chloride	--	mg/L	500	28.3	#VALUE!	1250797.03
5439000	12/24/2007	282	282	1.62	464.07	661	4.1233%	Chloride	--	mg/L	500	28.3	#VALUE!	1250797.03
5439000	6/24/2010	282	282	1.62	464.07	661	4.1233%	Chloride	--	mg/L	500	28.3	#VALUE!	1250797.03
5439000	3/10/2013	282	282	1.62	464.07	661	4.1233%	Chloride	--	mg/L	500	28.3	#VALUE!	1250797.03
5439000	12/21/1987	281	281	1.62	462.45	666	4.1545%	Chloride	--	mg/L	500	28.3	#VALUE!	1246438.507
5439000	4/25/2013	281	281	1.62	462.45	666	4.1545%	Chloride	--	mg/L	500	28.3	#VALUE!	1246438.507
5439000	3/22/1929	280	280	1.62	460.83	668	4.1669%	Chloride	--	mg/L	500	28.3	#VALUE!	1242079.983
5439000	3/23/1929	280	280	1.62	460.83	668	4.1669%	Chloride	--	mg/L	500	28.3	#VALUE!	1242079.983
5439000	3/29/1932	280	280	1.62	460.83	668	4.1669%	Chloride	--	mg/L	500	28.3	#VALUE!	1242079.983
5439000	12/24/1932	280	280	1.62	460.83	668	4.1669%	Chloride	--	mg/L	500	28.3	#VALUE!	1242079.983
5439000	7/3/1933	280	280	1.62	460.83	668	4.1669%	Chloride	--	mg/L	500	28.3	#VALUE!	1242079.983
5439000	4/8/1983	280	280	1.62	460.83	668	4.1669%	Chloride	--	mg/L	500	28.3	#VALUE!	1242079.983
5439000	6/25/1996	280	280	1.62	460.83	668	4.1669%	Chloride	--	mg/L	500	28.3	#VALUE!	1242079.983
5439000	2/12/1999	280	280	1.62	460.83	668	4.1669%	Chloride	--	mg/L	500	28.3	#VALUE!	1242079.983
5439000	8/31/2007	280	280	1.62	460.83	668	4.1669%	Chloride	--	mg/L	500	28.3	#VALUE!	1242079.983
5439000	7/4/2014	280	280	1.62	460.83	668	4.1669%	Chloride	--	mg/L	500	28.3	#VALUE!	1242079.983
5439000	4/8/1926	279	279	1.62	459.22	678	4.2293%	Chloride	--	mg/L	500	28.3	#VALUE!	1237721.46
5439000	9/26/1926	279	279	1.62	459.22	678	4.2293%	Chloride	--	mg/L	500	28.3	#VALUE!	1237721.46
5439000	10/3/1926	279	279	1.62	459.22	678	4.2293%	Chloride	--	mg/L	500	28.3	#VALUE!	1237721.46
5439000	11/27/1926	279	279	1.62	459.22	678	4.2293%	Chloride	--	mg/L	500	28.3	#VALUE!	1237721.46
5439000	7/6/1928	279	279	1.62	459.22	678	4.2293%	Chloride	--	mg/L	500	28.3	#VALUE!	1237721.46

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/21/1928	279	279	1.62	459.22	678	4.2293%	Chloride	--	mg/L	500	28.3	#VALUE!	1237721.46
5439000	8/22/1987	279	279	1.62	459.22	678	4.2293%	Chloride	--	mg/L	500	28.3	#VALUE!	1237721.46
5439000	1/22/1988	279	279	1.62	459.22	678	4.2293%	Chloride	--	mg/L	500	28.3	#VALUE!	1237721.46
5439000	5/16/2004	279	279	1.62	459.22	678	4.2293%	Chloride	--	mg/L	500	28.3	#VALUE!	1237721.46
5439000	4/17/1982	278	278	1.62	457.60	687	4.2854%	Chloride	--	mg/L	500	28.3	#VALUE!	1233362.937
5439000	11/24/1992	278	278	1.62	457.60	687	4.2854%	Chloride	--	mg/L	500	28.3	#VALUE!	1233362.937
5439000	6/20/1996	278	278	1.62	457.60	687	4.2854%	Chloride	--	mg/L	500	28.3	#VALUE!	1233362.937
5439000	9/20/2008	278	278	1.62	457.60	687	4.2854%	Chloride	--	mg/L	500	28.3	#VALUE!	1233362.937
5439000	4/22/1993	277	277	1.62	455.98	691	4.3104%	Chloride	--	mg/L	500	28.3	#VALUE!	1229004.414
5439000	3/18/2014	277	277	1.62	455.98	691	4.3104%	Chloride	--	mg/L	500	28.3	#VALUE!	1229004.414
5439000	3/20/2014	277	277	1.62	455.98	691	4.3104%	Chloride	--	mg/L	500	28.3	#VALUE!	1229004.414
5439000	5/28/1982	276	276	1.62	454.37	694	4.3291%	Chloride	--	mg/L	500	28.3	#VALUE!	1224645.891
5439000	5/31/1991	276	276	1.62	454.37	694	4.3291%	Chloride	--	mg/L	500	28.3	#VALUE!	1224645.891
5439000	11/28/1983	275	275	1.62	452.75	696	4.3416%	Chloride	--	mg/L	500	28.3	#VALUE!	1220287.368
5439000	3/31/1988	274	274	1.62	451.13	697	4.3478%	Chloride	--	mg/L	500	28.3	#VALUE!	1215928.845
5439000	4/18/1998	274	274	1.62	451.13	697	4.3478%	Chloride	--	mg/L	500	28.3	#VALUE!	1215928.845
5439000	5/15/2002	274	274	1.62	451.13	697	4.3478%	Chloride	--	mg/L	500	28.3	#VALUE!	1215928.845
5439000	1/26/2010	274	274	1.62	451.13	697	4.3478%	Chloride	--	mg/L	500	28.3	#VALUE!	1215928.845
5439000	4/27/2011	274	274	1.62	451.13	697	4.3478%	Chloride	--	mg/L	500	28.3	#VALUE!	1215928.845
5439000	6/22/2015	274	274	1.62	451.13	697	4.3478%	Chloride	--	mg/L	500	28.3	#VALUE!	1215928.845
5439000	3/20/1991	273	273	1.62	449.51	703	4.3853%	Chloride	--	mg/L	500	28.3	#VALUE!	1211570.321
5439000	6/19/2014	273	273	1.62	449.51	703	4.3853%	Chloride	--	mg/L	500	28.3	#VALUE!	1211570.321
5439000	11/16/1985	272	272	1.62	447.90	705	4.3977%	Chloride	--	mg/L	500	28.3	#VALUE!	1207211.798
5439000	11/18/1985	272	272	1.62	447.90	705	4.3977%	Chloride	--	mg/L	500	28.3	#VALUE!	1207211.798
5439000	5/12/1990	272	272	1.62	447.90	705	4.3977%	Chloride	--	mg/L	500	28.3	#VALUE!	1207211.798
5439000	11/2/2009	272	272	1.62	447.90	705	4.3977%	Chloride	--	mg/L	500	28.3	#VALUE!	1207211.798
5439000	1/24/1993	271	271	1.62	446.28	709	4.4227%	Chloride	--	mg/L	500	28.3	#VALUE!	1202853.275
5439000	3/1/2007	271	271	1.62	446.28	709	4.4227%	Chloride	--	mg/L	500	28.3	#VALUE!	1202853.275
5439000	1/10/2008	271	271	1.62	446.28	709	4.4227%	Chloride	--	mg/L	500	28.3	#VALUE!	1202853.275
5439000	8/11/1980	270	270	1.62	444.66	712	4.4414%	Chloride	--	mg/L	500	28.3	#VALUE!	1198494.752
5439000	3/8/1985	270	270	1.62	444.66	712	4.4414%	Chloride	--	mg/L	500	28.3	#VALUE!	1198494.752

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/12/1986	270	270	1.62	444.66	712	4.4414%	Chloride	--	mg/L	500	28.3	#VALUE!	1198494.752
5439000	5/1/2003	270	270	1.62	444.66	712	4.4414%	Chloride	--	mg/L	500	28.3	#VALUE!	1198494.752
5439000	3/30/1983	269	269	1.62	443.05	716	4.4663%	Chloride	--	mg/L	500	28.3	#VALUE!	1194136.229
5439000	3/8/1993	269	269	1.62	443.05	716	4.4663%	Chloride	--	mg/L	500	28.3	#VALUE!	1194136.229
5439000	6/13/1998	269	269	1.62	443.05	716	4.4663%	Chloride	--	mg/L	500	28.3	#VALUE!	1194136.229
5439000	7/3/2000	269	269	1.62	443.05	716	4.4663%	Chloride	--	mg/L	500	28.3	#VALUE!	1194136.229
5439000	3/13/2009	269	269	1.62	443.05	716	4.4663%	Chloride	--	mg/L	500	28.3	#VALUE!	1194136.229
5439000	3/6/2011	269	269	1.62	443.05	716	4.4663%	Chloride	--	mg/L	500	28.3	#VALUE!	1194136.229
5439000	11/22/1928	268	268	1.62	441.43	722	4.5038%	Chloride	--	mg/L	500	28.3	#VALUE!	1189777.706
5439000	3/1/1929	268	268	1.62	441.43	722	4.5038%	Chloride	--	mg/L	500	28.3	#VALUE!	1189777.706
5439000	4/23/1929	268	268	1.62	441.43	722	4.5038%	Chloride	--	mg/L	500	28.3	#VALUE!	1189777.706
5439000	4/18/1930	268	268	1.62	441.43	722	4.5038%	Chloride	--	mg/L	500	28.3	#VALUE!	1189777.706
5439000	6/23/1931	268	268	1.62	441.43	722	4.5038%	Chloride	--	mg/L	500	28.3	#VALUE!	1189777.706
5439000	11/24/1931	268	268	1.62	441.43	722	4.5038%	Chloride	--	mg/L	500	28.3	#VALUE!	1189777.706
5439000	5/2/1933	268	268	1.62	441.43	722	4.5038%	Chloride	--	mg/L	500	28.3	#VALUE!	1189777.706
5439000	5/10/1933	268	268	1.62	441.43	722	4.5038%	Chloride	--	mg/L	500	28.3	#VALUE!	1189777.706
5439000	10/23/2009	268	268	1.62	441.43	722	4.5038%	Chloride	--	mg/L	500	28.3	#VALUE!	1189777.706
5439000	6/13/2011	268	268	1.62	441.43	722	4.5038%	Chloride	--	mg/L	500	28.3	#VALUE!	1189777.706
5439000	5/7/2015	268	268	1.62	441.43	722	4.5038%	Chloride	--	mg/L	500	28.3	#VALUE!	1189777.706
5439000	2/27/1926	267	267	1.62	439.81	733	4.5724%	Chloride	--	mg/L	500	28.3	#VALUE!	1185419.182
5439000	6/14/1926	267	267	1.62	439.81	733	4.5724%	Chloride	--	mg/L	500	28.3	#VALUE!	1185419.182
5439000	10/6/1926	267	267	1.62	439.81	733	4.5724%	Chloride	--	mg/L	500	28.3	#VALUE!	1185419.182
5439000	3/12/1927	267	267	1.62	439.81	733	4.5724%	Chloride	--	mg/L	500	28.3	#VALUE!	1185419.182
5439000	4/22/1927	267	267	1.62	439.81	733	4.5724%	Chloride	--	mg/L	500	28.3	#VALUE!	1185419.182
5439000	6/4/1927	267	267	1.62	439.81	733	4.5724%	Chloride	--	mg/L	500	28.3	#VALUE!	1185419.182
5439000	10/8/1927	267	267	1.62	439.81	733	4.5724%	Chloride	--	mg/L	500	28.3	#VALUE!	1185419.182
5439000	12/26/1982	267	267	1.62	439.81	733	4.5724%	Chloride	--	mg/L	500	28.3	#VALUE!	1185419.182
5439000	11/14/1985	267	267	1.62	439.81	733	4.5724%	Chloride	--	mg/L	500	28.3	#VALUE!	1185419.182
5439000	11/30/1990	267	267	1.62	439.81	733	4.5724%	Chloride	--	mg/L	500	28.3	#VALUE!	1185419.182
5439000	3/2/1991	267	267	1.62	439.81	733	4.5724%	Chloride	--	mg/L	500	28.3	#VALUE!	1185419.182
5439000	5/16/2002	267	267	1.62	439.81	733	4.5724%	Chloride	--	mg/L	500	28.3	#VALUE!	1185419.182

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/20/2004	267	267	1.62	439.81	733	4.5724%	Chloride	--	mg/L	500	28.3	#VALUE!	1185419.182
5439000	4/14/2008	267	267	1.62	439.81	733	4.5724%	Chloride	--	mg/L	500	28.3	#VALUE!	1185419.182
5439000	5/27/1995	266	266	1.62	438.19	747	4.6597%	Chloride	--	mg/L	500	28.3	#VALUE!	1181060.659
5439000	12/29/2009	266	266	1.62	438.19	747	4.6597%	Chloride	--	mg/L	500	28.3	#VALUE!	1181060.659
5439000	6/29/2013	266	266	1.62	438.19	747	4.6597%	Chloride	--	mg/L	500	28.3	#VALUE!	1181060.659
5439000	4/9/1988	265	265	1.62	436.58	750	4.6784%	Chloride	--	mg/L	500	28.3	#VALUE!	1176702.136
5439000	2/25/1997	265	265	1.62	436.58	750	4.6784%	Chloride	--	mg/L	500	28.3	#VALUE!	1176702.136
5439000	3/6/2004	265	265	1.62	436.58	750	4.6784%	Chloride	--	mg/L	500	28.3	#VALUE!	1176702.136
5439000	4/21/2011	265	265	1.62	436.58	750	4.6784%	Chloride	--	mg/L	500	28.3	#VALUE!	1176702.136
5439000	1/26/1999	264	264	1.62	434.96	754	4.7034%	Chloride	--	mg/L	500	28.3	#VALUE!	1172343.613
5439000	6/6/2001	264	264	1.62	434.96	754	4.7034%	Chloride	--	mg/L	500	28.3	#VALUE!	1172343.613
5439000	11/11/1985	263	263	1.62	433.34	756	4.7159%	Chloride	--	mg/L	500	28.3	#VALUE!	1167985.09
5439000	9/1/1987	263	263	1.62	433.34	756	4.7159%	Chloride	--	mg/L	500	28.3	#VALUE!	1167985.09
5439000	6/3/1989	263	263	1.62	433.34	756	4.7159%	Chloride	--	mg/L	500	28.3	#VALUE!	1167985.09
5439000	4/23/2011	263	263	1.62	433.34	756	4.7159%	Chloride	--	mg/L	500	28.3	#VALUE!	1167985.09
5439000	3/25/2007	262	262	1.62	431.73	760	4.7408%	Chloride	--	mg/L	500	28.3	#VALUE!	1163626.567
5439000	3/29/2009	262	262	1.62	431.73	760	4.7408%	Chloride	--	mg/L	500	28.3	#VALUE!	1163626.567
5439000	5/13/1990	261	261	1.62	430.11	762	4.7533%	Chloride	--	mg/L	500	28.3	#VALUE!	1159268.044
5439000	7/30/1996	261	261	1.62	430.11	762	4.7533%	Chloride	--	mg/L	500	28.3	#VALUE!	1159268.044
5439000	3/10/2011	261	261	1.62	430.11	762	4.7533%	Chloride	--	mg/L	500	28.3	#VALUE!	1159268.044
5439000	4/26/2011	261	261	1.62	430.11	762	4.7533%	Chloride	--	mg/L	500	28.3	#VALUE!	1159268.044
5439000	12/26/1987	260	260	1.62	428.49	766	4.7782%	Chloride	--	mg/L	500	28.3	#VALUE!	1154909.52
5439000	6/4/1995	260	260	1.62	428.49	766	4.7782%	Chloride	--	mg/L	500	28.3	#VALUE!	1154909.52
5439000	6/12/1999	260	260	1.62	428.49	766	4.7782%	Chloride	--	mg/L	500	28.3	#VALUE!	1154909.52
5439000	6/4/2004	260	260	1.62	428.49	766	4.7782%	Chloride	--	mg/L	500	28.3	#VALUE!	1154909.52
5439000	6/28/2013	260	260	1.62	428.49	766	4.7782%	Chloride	--	mg/L	500	28.3	#VALUE!	1154909.52
5439000	6/2/2000	259	259	1.62	426.88	771	4.8094%	Chloride	--	mg/L	500	28.3	#VALUE!	1150550.997
5439000	4/21/2009	259	259	1.62	426.88	771	4.8094%	Chloride	--	mg/L	500	28.3	#VALUE!	1150550.997
5439000	3/14/1982	258	258	1.62	425.26	773	4.8219%	Chloride	--	mg/L	500	28.3	#VALUE!	1146192.474
5439000	4/12/1983	258	258	1.62	425.26	773	4.8219%	Chloride	--	mg/L	500	28.3	#VALUE!	1146192.474
5439000	7/8/1983	258	258	1.62	425.26	773	4.8219%	Chloride	--	mg/L	500	28.3	#VALUE!	1146192.474

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/18/1992	258	258	1.62	425.26	773	4.8219%	Chloride	--	mg/L	500	28.3	#VALUE!	1146192.474
5439000	4/28/2007	258	258	1.62	425.26	773	4.8219%	Chloride	--	mg/L	500	28.3	#VALUE!	1146192.474
5439000	5/26/2008	258	258	1.62	425.26	773	4.8219%	Chloride	--	mg/L	500	28.3	#VALUE!	1146192.474
5439000	4/11/2013	258	258	1.62	425.26	773	4.8219%	Chloride	--	mg/L	500	28.3	#VALUE!	1146192.474
5439000	3/30/1932	257	257	1.62	423.64	780	4.8656%	Chloride	--	mg/L	500	28.3	#VALUE!	1141833.951
5439000	11/27/1992	257	257	1.62	423.64	780	4.8656%	Chloride	--	mg/L	500	28.3	#VALUE!	1141833.951
5439000	7/25/1993	257	257	1.62	423.64	780	4.8656%	Chloride	--	mg/L	500	28.3	#VALUE!	1141833.951
5439000	3/14/2007	257	257	1.62	423.64	780	4.8656%	Chloride	--	mg/L	500	28.3	#VALUE!	1141833.951
5439000	8/10/2007	257	257	1.62	423.64	780	4.8656%	Chloride	--	mg/L	500	28.3	#VALUE!	1141833.951
5439000	5/11/2015	257	257	1.62	423.64	780	4.8656%	Chloride	--	mg/L	500	28.3	#VALUE!	1141833.951
5439000	12/15/1928	256	256	1.62	422.02	786	4.9030%	Chloride	--	mg/L	500	28.3	#VALUE!	1137475.428
5439000	4/27/1929	256	256	1.62	422.02	786	4.9030%	Chloride	--	mg/L	500	28.3	#VALUE!	1137475.428
5439000	2/18/1984	256	256	1.62	422.02	786	4.9030%	Chloride	--	mg/L	500	28.3	#VALUE!	1137475.428
5439000	6/2/1991	256	256	1.62	422.02	786	4.9030%	Chloride	--	mg/L	500	28.3	#VALUE!	1137475.428
5439000	3/29/1993	256	256	1.62	422.02	786	4.9030%	Chloride	--	mg/L	500	28.3	#VALUE!	1137475.428
5439000	7/11/2000	256	256	1.62	422.02	786	4.9030%	Chloride	--	mg/L	500	28.3	#VALUE!	1137475.428
5439000	2/19/1926	255	255	1.62	420.41	792	4.9404%	Chloride	--	mg/L	500	28.3	#VALUE!	1133116.905
5439000	3/2/1926	255	255	1.62	420.41	792	4.9404%	Chloride	--	mg/L	500	28.3	#VALUE!	1133116.905
5439000	10/2/1926	255	255	1.62	420.41	792	4.9404%	Chloride	--	mg/L	500	28.3	#VALUE!	1133116.905
5439000	11/20/1926	255	255	1.62	420.41	792	4.9404%	Chloride	--	mg/L	500	28.3	#VALUE!	1133116.905
5439000	5/29/1927	255	255	1.62	420.41	792	4.9404%	Chloride	--	mg/L	500	28.3	#VALUE!	1133116.905
5439000	6/23/1928	255	255	1.62	420.41	792	4.9404%	Chloride	--	mg/L	500	28.3	#VALUE!	1133116.905
5439000	11/2/1987	254	254	1.62	418.79	798	4.9779%	Chloride	--	mg/L	500	28.3	#VALUE!	1128758.381
5439000	4/11/1995	254	254	1.62	418.79	798	4.9779%	Chloride	--	mg/L	500	28.3	#VALUE!	1128758.381
5439000	5/24/1996	254	254	1.62	418.79	798	4.9779%	Chloride	--	mg/L	500	28.3	#VALUE!	1128758.381
5439000	2/2/1999	254	254	1.62	418.79	798	4.9779%	Chloride	--	mg/L	500	28.3	#VALUE!	1128758.381
5439000	4/28/1995	253	253	1.62	417.17	802	5.0028%	Chloride	--	mg/L	500	28.3	#VALUE!	1124399.858
5439000	7/24/1996	253	253	1.62	417.17	802	5.0028%	Chloride	--	mg/L	500	28.3	#VALUE!	1124399.858
5439000	4/10/1998	253	253	1.62	417.17	802	5.0028%	Chloride	--	mg/L	500	28.3	#VALUE!	1124399.858
5439000	6/13/2004	253	253	1.62	417.17	802	5.0028%	Chloride	--	mg/L	500	28.3	#VALUE!	1124399.858
5439000	3/21/2007	253	253	1.62	417.17	802	5.0028%	Chloride	--	mg/L	500	28.3	#VALUE!	1124399.858

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/8/2012	253	253	1.62	417.17	802	5.0028%	Chloride	--	mg/L	500	28.3	#VALUE!	1124399.858
5439000	4/17/2013	253	253	1.62	417.17	802	5.0028%	Chloride	--	mg/L	500	28.3	#VALUE!	1124399.858
5439000	6/1/1980	252	252	1.62	415.56	809	5.0465%	Chloride	--	mg/L	500	28.3	#VALUE!	1120041.335
5439000	4/30/1981	252	252	1.62	415.56	809	5.0465%	Chloride	--	mg/L	500	28.3	#VALUE!	1120041.335
5439000	5/1/1981	252	252	1.62	415.56	809	5.0465%	Chloride	--	mg/L	500	28.3	#VALUE!	1120041.335
5439000	5/22/1986	252	252	1.62	415.56	809	5.0465%	Chloride	--	mg/L	500	28.3	#VALUE!	1120041.335
5439000	5/30/1995	252	252	1.62	415.56	809	5.0465%	Chloride	--	mg/L	500	28.3	#VALUE!	1120041.335
5439000	2/26/1997	252	252	1.62	415.56	809	5.0465%	Chloride	--	mg/L	500	28.3	#VALUE!	1120041.335
5439000	5/11/1998	252	252	1.62	415.56	809	5.0465%	Chloride	--	mg/L	500	28.3	#VALUE!	1120041.335
5439000	4/6/2010	252	252	1.62	415.56	809	5.0465%	Chloride	--	mg/L	500	28.3	#VALUE!	1120041.335
5439000	6/18/1981	251	251	1.62	413.94	817	5.0964%	Chloride	--	mg/L	500	28.3	#VALUE!	1115682.812
5439000	3/30/1988	251	251	1.62	413.94	817	5.0964%	Chloride	--	mg/L	500	28.3	#VALUE!	1115682.812
5439000	3/17/1990	251	251	1.62	413.94	817	5.0964%	Chloride	--	mg/L	500	28.3	#VALUE!	1115682.812
5439000	4/13/1995	251	251	1.62	413.94	817	5.0964%	Chloride	--	mg/L	500	28.3	#VALUE!	1115682.812
5439000	11/12/1995	251	251	1.62	413.94	817	5.0964%	Chloride	--	mg/L	500	28.3	#VALUE!	1115682.812
5439000	2/2/1988	250	250	1.62	412.32	822	5.1276%	Chloride	--	mg/L	500	28.3	#VALUE!	1111324.289
5439000	11/25/1992	250	250	1.62	412.32	822	5.1276%	Chloride	--	mg/L	500	28.3	#VALUE!	1111324.289
5439000	8/9/1996	250	250	1.62	412.32	822	5.1276%	Chloride	--	mg/L	500	28.3	#VALUE!	1111324.289
5439000	5/26/2004	250	250	1.62	412.32	822	5.1276%	Chloride	--	mg/L	500	28.3	#VALUE!	1111324.289
5439000	7/25/1982	249	249	1.62	410.70	826	5.1525%	Chloride	--	mg/L	500	28.3	#VALUE!	1106965.766
5439000	2/20/1983	249	249	1.62	410.70	826	5.1525%	Chloride	--	mg/L	500	28.3	#VALUE!	1106965.766
5439000	3/3/1985	249	249	1.62	410.70	826	5.1525%	Chloride	--	mg/L	500	28.3	#VALUE!	1106965.766
5439000	6/29/1990	249	249	1.62	410.70	826	5.1525%	Chloride	--	mg/L	500	28.3	#VALUE!	1106965.766
5439000	3/29/1991	249	249	1.62	410.70	826	5.1525%	Chloride	--	mg/L	500	28.3	#VALUE!	1106965.766
5439000	5/10/1996	249	249	1.62	410.70	826	5.1525%	Chloride	--	mg/L	500	28.3	#VALUE!	1106965.766
5439000	7/10/2000	249	249	1.62	410.70	826	5.1525%	Chloride	--	mg/L	500	28.3	#VALUE!	1106965.766
5439000	6/9/2008	249	249	1.62	410.70	826	5.1525%	Chloride	--	mg/L	500	28.3	#VALUE!	1106965.766
5439000	3/21/2014	249	249	1.62	410.70	826	5.1525%	Chloride	--	mg/L	500	28.3	#VALUE!	1106965.766
5439000	9/20/1980	248	248	1.62	409.09	835	5.2087%	Chloride	--	mg/L	500	28.3	#VALUE!	1102607.243
5439000	6/28/1982	248	248	1.62	409.09	835	5.2087%	Chloride	--	mg/L	500	28.3	#VALUE!	1102607.243
5439000	6/10/1998	248	248	1.62	409.09	835	5.2087%	Chloride	--	mg/L	500	28.3	#VALUE!	1102607.243

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/4/2007	248	248	1.62	409.09	835	5.2087%	Chloride	--	mg/L	500	28.3	#VALUE!	1102607.243
5439000	3/5/1986	247	247	1.62	407.47	839	5.2336%	Chloride	--	mg/L	500	28.3	#VALUE!	1098248.719
5439000	3/24/1929	246	246	1.62	405.85	840	5.2398%	Chloride	--	mg/L	500	28.3	#VALUE!	1093890.196
5439000	4/20/1930	246	246	1.62	405.85	840	5.2398%	Chloride	--	mg/L	500	28.3	#VALUE!	1093890.196
5439000	6/24/1931	246	246	1.62	405.85	840	5.2398%	Chloride	--	mg/L	500	28.3	#VALUE!	1093890.196
5439000	3/3/1932	246	246	1.62	405.85	840	5.2398%	Chloride	--	mg/L	500	28.3	#VALUE!	1093890.196
5439000	5/30/1981	246	246	1.62	405.85	840	5.2398%	Chloride	--	mg/L	500	28.3	#VALUE!	1093890.196
5439000	12/10/1982	246	246	1.62	405.85	840	5.2398%	Chloride	--	mg/L	500	28.3	#VALUE!	1093890.196
5439000	5/26/1983	246	246	1.62	405.85	840	5.2398%	Chloride	--	mg/L	500	28.3	#VALUE!	1093890.196
5439000	5/26/1984	246	246	1.62	405.85	840	5.2398%	Chloride	--	mg/L	500	28.3	#VALUE!	1093890.196
5439000	11/9/1994	246	246	1.62	405.85	840	5.2398%	Chloride	--	mg/L	500	28.3	#VALUE!	1093890.196
5439000	4/29/1999	246	246	1.62	405.85	840	5.2398%	Chloride	--	mg/L	500	28.3	#VALUE!	1093890.196
5439000	4/7/2010	246	246	1.62	405.85	840	5.2398%	Chloride	--	mg/L	500	28.3	#VALUE!	1093890.196
5439000	5/28/2011	246	246	1.62	405.85	840	5.2398%	Chloride	--	mg/L	500	28.3	#VALUE!	1093890.196
5439000	6/5/1996	245	245	1.62	404.24	852	5.3147%	Chloride	--	mg/L	500	28.3	#VALUE!	1089531.673
5439000	2/14/2005	245	245	1.62	404.24	852	5.3147%	Chloride	--	mg/L	500	28.3	#VALUE!	1089531.673
5439000	12/18/1928	244	244	1.62	402.62	854	5.3272%	Chloride	--	mg/L	500	28.3	#VALUE!	1085173.15
5439000	3/20/1929	244	244	1.62	402.62	854	5.3272%	Chloride	--	mg/L	500	28.3	#VALUE!	1085173.15
5439000	4/4/1929	244	244	1.62	402.62	854	5.3272%	Chloride	--	mg/L	500	28.3	#VALUE!	1085173.15
5439000	4/14/1983	244	244	1.62	402.62	854	5.3272%	Chloride	--	mg/L	500	28.3	#VALUE!	1085173.15
5439000	8/4/2010	244	244	1.62	402.62	854	5.3272%	Chloride	--	mg/L	500	28.3	#VALUE!	1085173.15
5439000	3/13/1927	243	243	1.62	401.00	859	5.3584%	Chloride	--	mg/L	500	28.3	#VALUE!	1080814.627
5439000	4/9/1928	243	243	1.62	401.00	859	5.3584%	Chloride	--	mg/L	500	28.3	#VALUE!	1080814.627
5439000	4/22/2000	243	243	1.62	401.00	859	5.3584%	Chloride	--	mg/L	500	28.3	#VALUE!	1080814.627
5439000	3/15/2008	243	243	1.62	401.00	859	5.3584%	Chloride	--	mg/L	500	28.3	#VALUE!	1080814.627
5439000	11/17/1985	242	242	1.62	399.38	863	5.3833%	Chloride	--	mg/L	500	28.3	#VALUE!	1076456.104
5439000	12/24/1987	242	242	1.62	399.38	863	5.3833%	Chloride	--	mg/L	500	28.3	#VALUE!	1076456.104
5439000	6/18/1993	242	242	1.62	399.38	863	5.3833%	Chloride	--	mg/L	500	28.3	#VALUE!	1076456.104
5439000	7/21/1993	242	242	1.62	399.38	863	5.3833%	Chloride	--	mg/L	500	28.3	#VALUE!	1076456.104
5439000	3/14/2015	242	242	1.62	399.38	863	5.3833%	Chloride	--	mg/L	500	28.3	#VALUE!	1076456.104
5439000	3/9/1985	241	241	1.62	397.77	868	5.4145%	Chloride	--	mg/L	500	28.3	#VALUE!	1072097.58

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/17/1991	241	241	1.62	397.77	868	5.4145%	Chloride	--	mg/L	500	28.3	#VALUE!	1072097.58
5439000	6/9/1996	241	241	1.62	397.77	868	5.4145%	Chloride	--	mg/L	500	28.3	#VALUE!	1072097.58
5439000	11/30/1987	240	240	1.62	396.15	871	5.4332%	Chloride	--	mg/L	500	28.3	#VALUE!	1067739.057
5439000	10/19/1998	240	240	1.62	396.15	871	5.4332%	Chloride	--	mg/L	500	28.3	#VALUE!	1067739.057
5439000	5/12/2010	240	240	1.62	396.15	871	5.4332%	Chloride	--	mg/L	500	28.3	#VALUE!	1067739.057
5439000	4/13/1983	239	239	1.62	394.53	874	5.4519%	Chloride	--	mg/L	500	28.3	#VALUE!	1063380.534
5439000	6/2/1995	239	239	1.62	394.53	874	5.4519%	Chloride	--	mg/L	500	28.3	#VALUE!	1063380.534
5439000	10/24/2009	239	239	1.62	394.53	874	5.4519%	Chloride	--	mg/L	500	28.3	#VALUE!	1063380.534
5439000	6/17/2000	238	238	1.62	392.92	877	5.4707%	Chloride	--	mg/L	500	28.3	#VALUE!	1059022.011
5439000	2/28/2001	238	238	1.62	392.92	877	5.4707%	Chloride	36.40	mg/L	500	28.3	77096.8024	1059022.011
5439000	3/9/2007	238	238	1.62	392.92	877	5.4707%	Chloride	--	mg/L	500	28.3	#VALUE!	1059022.011
5439000	4/3/2009	238	238	1.62	392.92	877	5.4707%	Chloride	--	mg/L	500	28.3	#VALUE!	1059022.011
5439000	12/14/2011	238	238	1.62	392.92	877	5.4707%	Chloride	--	mg/L	500	28.3	#VALUE!	1059022.011
5439000	6/30/2014	238	238	1.62	392.92	877	5.4707%	Chloride	--	mg/L	500	28.3	#VALUE!	1059022.011
5439000	3/19/1983	237	237	1.62	391.30	883	5.5081%	Chloride	--	mg/L	500	28.3	#VALUE!	1054663.488
5439000	5/2/1983	237	237	1.62	391.30	883	5.5081%	Chloride	--	mg/L	500	28.3	#VALUE!	1054663.488
5439000	5/25/1984	237	237	1.62	391.30	883	5.5081%	Chloride	--	mg/L	500	28.3	#VALUE!	1054663.488
5439000	5/24/1987	237	237	1.62	391.30	883	5.5081%	Chloride	--	mg/L	500	28.3	#VALUE!	1054663.488
5439000	6/12/1993	237	237	1.62	391.30	883	5.5081%	Chloride	--	mg/L	500	28.3	#VALUE!	1054663.488
5439000	4/23/1998	237	237	1.62	391.30	883	5.5081%	Chloride	--	mg/L	500	28.3	#VALUE!	1054663.488
5439000	4/10/2002	237	237	1.62	391.30	883	5.5081%	Chloride	--	mg/L	500	28.3	#VALUE!	1054663.488
5439000	3/16/2010	237	237	1.62	391.30	883	5.5081%	Chloride	--	mg/L	500	28.3	#VALUE!	1054663.488
5439000	3/16/2013	237	237	1.62	391.30	883	5.5081%	Chloride	--	mg/L	500	28.3	#VALUE!	1054663.488
5439000	2/20/1984	236	236	1.62	389.68	892	5.5642%	Chloride	--	mg/L	500	28.3	#VALUE!	1050304.965
5439000	1/22/1993	236	236	1.62	389.68	892	5.5642%	Chloride	--	mg/L	500	28.3	#VALUE!	1050304.965
5439000	6/9/2002	236	236	1.62	389.68	892	5.5642%	Chloride	--	mg/L	500	28.3	#VALUE!	1050304.965
5439000	6/14/2009	236	236	1.62	389.68	892	5.5642%	Chloride	--	mg/L	500	28.3	#VALUE!	1050304.965
5439000	3/9/2010	236	236	1.62	389.68	892	5.5642%	Chloride	--	mg/L	500	28.3	#VALUE!	1050304.965
5439000	3/31/1983	235	235	1.62	388.07	897	5.5954%	Chloride	--	mg/L	500	28.3	#VALUE!	1045946.442
5439000	7/13/1986	235	235	1.62	388.07	897	5.5954%	Chloride	--	mg/L	500	28.3	#VALUE!	1045946.442
5439000	3/21/1991	235	235	1.62	388.07	897	5.5954%	Chloride	--	mg/L	500	28.3	#VALUE!	1045946.442

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/26/1991	235	235	1.62	388.07	897	5.5954%	Chloride	--	mg/L	500	28.3	#VALUE!	1045946.442
5439000	1/1/1993	235	235	1.62	388.07	897	5.5954%	Chloride	--	mg/L	500	28.3	#VALUE!	1045946.442
5439000	3/6/2008	235	235	1.62	388.07	897	5.5954%	Chloride	--	mg/L	500	28.3	#VALUE!	1045946.442
5439000	3/31/2008	235	235	1.62	388.07	897	5.5954%	Chloride	--	mg/L	500	28.3	#VALUE!	1045946.442
5439000	1/2/2009	235	235	1.62	388.07	897	5.5954%	Chloride	--	mg/L	500	28.3	#VALUE!	1045946.442
5439000	4/5/1982	234	234	1.62	386.45	905	5.6453%	Chloride	--	mg/L	500	28.3	#VALUE!	1041587.918
5439000	3/20/1983	234	234	1.62	386.45	905	5.6453%	Chloride	--	mg/L	500	28.3	#VALUE!	1041587.918
5439000	3/13/1986	234	234	1.62	386.45	905	5.6453%	Chloride	--	mg/L	500	28.3	#VALUE!	1041587.918
5439000	3/20/1998	234	234	1.62	386.45	905	5.6453%	Chloride	--	mg/L	500	28.3	#VALUE!	1041587.918
5439000	2/3/1999	234	234	1.62	386.45	905	5.6453%	Chloride	--	mg/L	500	28.3	#VALUE!	1041587.918
5439000	6/23/2009	234	234	1.62	386.45	905	5.6453%	Chloride	--	mg/L	500	28.3	#VALUE!	1041587.918
5439000	4/24/1929	233	233	1.62	384.83	911	5.6827%	Chloride	--	mg/L	500	28.3	#VALUE!	1037229.395
5439000	5/28/1984	233	233	1.62	384.83	911	5.6827%	Chloride	--	mg/L	500	28.3	#VALUE!	1037229.395
5439000	11/12/1992	233	233	1.62	384.83	911	5.6827%	Chloride	--	mg/L	500	28.3	#VALUE!	1037229.395
5439000	11/10/1994	233	233	1.62	384.83	911	5.6827%	Chloride	--	mg/L	500	28.3	#VALUE!	1037229.395
5439000	1/11/2008	233	233	1.62	384.83	911	5.6827%	Chloride	--	mg/L	500	28.3	#VALUE!	1037229.395
5439000	6/13/2009	233	233	1.62	384.83	911	5.6827%	Chloride	--	mg/L	500	28.3	#VALUE!	1037229.395
5439000	11/28/1926	232	232	1.62	383.21	917	5.7202%	Chloride	--	mg/L	500	28.3	#VALUE!	1032870.872
5439000	2/7/1927	232	232	1.62	383.21	917	5.7202%	Chloride	--	mg/L	500	28.3	#VALUE!	1032870.872
5439000	4/14/1981	232	232	1.62	383.21	917	5.7202%	Chloride	--	mg/L	500	28.3	#VALUE!	1032870.872
5439000	5/30/1984	232	232	1.62	383.21	917	5.7202%	Chloride	--	mg/L	500	28.3	#VALUE!	1032870.872
5439000	11/4/1985	232	232	1.62	383.21	917	5.7202%	Chloride	--	mg/L	500	28.3	#VALUE!	1032870.872
5439000	12/4/1985	232	232	1.62	383.21	917	5.7202%	Chloride	--	mg/L	500	28.3	#VALUE!	1032870.872
5439000	12/11/1987	232	232	1.62	383.21	917	5.7202%	Chloride	--	mg/L	500	28.3	#VALUE!	1032870.872
5439000	12/9/1991	232	232	1.62	383.21	917	5.7202%	Chloride	--	mg/L	500	28.3	#VALUE!	1032870.872
5439000	3/23/1994	232	232	1.62	383.21	917	5.7202%	Chloride	--	mg/L	500	28.3	#VALUE!	1032870.872
5439000	5/12/2015	232	232	1.62	383.21	917	5.7202%	Chloride	--	mg/L	500	28.3	#VALUE!	1032870.872
5439000	8/1/1989	231	231	1.62	381.60	927	5.7825%	Chloride	--	mg/L	500	28.3	#VALUE!	1028512.349
5439000	5/12/1995	231	231	1.62	381.60	927	5.7825%	Chloride	--	mg/L	500	28.3	#VALUE!	1028512.349
5439000	3/4/1997	231	231	1.62	381.60	927	5.7825%	Chloride	--	mg/L	500	28.3	#VALUE!	1028512.349
5439000	4/27/1999	231	231	1.62	381.60	927	5.7825%	Chloride	--	mg/L	500	28.3	#VALUE!	1028512.349

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/2/2008	231	231	1.62	381.60	927	5.7825%	Chloride	--	mg/L	500	28.3	#VALUE!	1028512.349
5439000	9/1/1980	230	230	1.62	379.98	932	5.8137%	Chloride	--	mg/L	500	28.3	#VALUE!	1024153.826
5439000	11/23/1985	230	230	1.62	379.98	932	5.8137%	Chloride	--	mg/L	500	28.3	#VALUE!	1024153.826
5439000	3/30/1993	230	230	1.62	379.98	932	5.8137%	Chloride	--	mg/L	500	28.3	#VALUE!	1024153.826
5439000	4/6/1993	230	230	1.62	379.98	932	5.8137%	Chloride	--	mg/L	500	28.3	#VALUE!	1024153.826
5439000	4/23/1993	230	230	1.62	379.98	932	5.8137%	Chloride	--	mg/L	500	28.3	#VALUE!	1024153.826
5439000	6/6/1996	230	230	1.62	379.98	932	5.8137%	Chloride	--	mg/L	500	28.3	#VALUE!	1024153.826
5439000	1/7/1998	230	230	1.62	379.98	932	5.8137%	Chloride	--	mg/L	500	28.3	#VALUE!	1024153.826
5439000	3/15/2013	230	230	1.62	379.98	932	5.8137%	Chloride	--	mg/L	500	28.3	#VALUE!	1024153.826
5439000	7/2/2013	230	230	1.62	379.98	932	5.8137%	Chloride	--	mg/L	500	28.3	#VALUE!	1024153.826
5439000	8/21/1980	229	229	1.62	378.36	941	5.8699%	Chloride	--	mg/L	500	28.3	#VALUE!	1019795.303
5439000	3/24/1984	229	229	1.62	378.36	941	5.8699%	Chloride	--	mg/L	500	28.3	#VALUE!	1019795.303
5439000	4/11/1993	229	229	1.62	378.36	941	5.8699%	Chloride	--	mg/L	500	28.3	#VALUE!	1019795.303
5439000	6/16/1999	229	229	1.62	378.36	941	5.8699%	Chloride	--	mg/L	500	28.3	#VALUE!	1019795.303
5439000	5/5/2003	229	229	1.62	378.36	941	5.8699%	Chloride	--	mg/L	500	28.3	#VALUE!	1019795.303
5439000	12/22/2006	229	229	1.62	378.36	941	5.8699%	Chloride	--	mg/L	500	28.3	#VALUE!	1019795.303
5439000	12/22/1987	228	228	1.62	376.75	947	5.9073%	Chloride	--	mg/L	500	28.3	#VALUE!	1015436.779
5439000	6/30/1990	228	228	1.62	376.75	947	5.9073%	Chloride	--	mg/L	500	28.3	#VALUE!	1015436.779
5439000	2/6/1993	228	228	1.62	376.75	947	5.9073%	Chloride	--	mg/L	500	28.3	#VALUE!	1015436.779
5439000	2/19/2008	228	228	1.62	376.75	947	5.9073%	Chloride	--	mg/L	500	28.3	#VALUE!	1015436.779
5439000	6/19/2010	228	228	1.62	376.75	947	5.9073%	Chloride	--	mg/L	500	28.3	#VALUE!	1015436.779
5439000	8/5/2010	228	228	1.62	376.75	947	5.9073%	Chloride	--	mg/L	500	28.3	#VALUE!	1015436.779
5439000	3/9/2011	228	228	1.62	376.75	947	5.9073%	Chloride	--	mg/L	500	28.3	#VALUE!	1015436.779
5439000	4/28/2011	228	228	1.62	376.75	947	5.9073%	Chloride	--	mg/L	500	28.3	#VALUE!	1015436.779
5439000	5/17/2011	228	228	1.62	376.75	947	5.9073%	Chloride	--	mg/L	500	28.3	#VALUE!	1015436.779
5439000	6/3/2011	228	228	1.62	376.75	947	5.9073%	Chloride	--	mg/L	500	28.3	#VALUE!	1015436.779
5439000	6/17/1993	227	227	1.62	375.13	957	5.9697%	Chloride	--	mg/L	500	28.3	#VALUE!	1011078.256
5439000	6/22/1993	227	227	1.62	375.13	957	5.9697%	Chloride	--	mg/L	500	28.3	#VALUE!	1011078.256
5439000	5/11/1996	227	227	1.62	375.13	957	5.9697%	Chloride	--	mg/L	500	28.3	#VALUE!	1011078.256
5439000	4/26/1999	227	227	1.62	375.13	957	5.9697%	Chloride	--	mg/L	500	28.3	#VALUE!	1011078.256
5439000	2/13/2001	227	227	1.62	375.13	957	5.9697%	Chloride	--	mg/L	500	28.3	#VALUE!	1011078.256

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/18/2002	227	227	1.62	375.13	957	5.9697%	Chloride	--	mg/L	500	28.3	#VALUE!	1011078.256
5439000	7/14/2008	227	227	1.62	375.13	957	5.9697%	Chloride	--	mg/L	500	28.3	#VALUE!	1011078.256
5439000	5/7/2012	227	227	1.62	375.13	957	5.9697%	Chloride	--	mg/L	500	28.3	#VALUE!	1011078.256
5439000	9/6/1989	226	226	1.62	373.51	965	6.0196%	Chloride	--	mg/L	500	28.3	#VALUE!	1006719.733
5439000	4/2/1998	226	226	1.62	373.51	965	6.0196%	Chloride	--	mg/L	500	28.3	#VALUE!	1006719.733
5439000	1/27/1999	226	226	1.62	373.51	965	6.0196%	Chloride	--	mg/L	500	28.3	#VALUE!	1006719.733
5439000	12/7/1998	225	225	1.62	371.89	968	6.0383%	Chloride	--	mg/L	500	28.3	#VALUE!	1002361.21
5439000	2/14/2001	225	225	1.62	371.89	968	6.0383%	Chloride	--	mg/L	500	28.3	#VALUE!	1002361.21
5439000	9/1/2007	225	225	1.62	371.89	968	6.0383%	Chloride	--	mg/L	500	28.3	#VALUE!	1002361.21
5439000	2/13/2009	225	225	1.62	371.89	968	6.0383%	Chloride	--	mg/L	500	28.3	#VALUE!	1002361.21
5439000	5/27/2009	225	225	1.62	371.89	968	6.0383%	Chloride	--	mg/L	500	28.3	#VALUE!	1002361.21
5439000	6/10/2009	225	225	1.62	371.89	968	6.0383%	Chloride	--	mg/L	500	28.3	#VALUE!	1002361.21
5439000	6/23/2015	225	225	1.62	371.89	968	6.0383%	Chloride	--	mg/L	500	28.3	#VALUE!	1002361.21
5439000	2/27/1930	224	224	1.62	370.28	975	6.0820%	Chloride	--	mg/L	500	28.3	#VALUE!	998002.6869
5439000	4/22/1930	224	224	1.62	370.28	975	6.0820%	Chloride	--	mg/L	500	28.3	#VALUE!	998002.6869
5439000	5/6/1933	224	224	1.62	370.28	975	6.0820%	Chloride	--	mg/L	500	28.3	#VALUE!	998002.6869
5439000	5/11/1933	224	224	1.62	370.28	975	6.0820%	Chloride	--	mg/L	500	28.3	#VALUE!	998002.6869
5439000	5/12/1933	224	224	1.62	370.28	975	6.0820%	Chloride	--	mg/L	500	28.3	#VALUE!	998002.6869
5439000	6/30/1933	224	224	1.62	370.28	975	6.0820%	Chloride	--	mg/L	500	28.3	#VALUE!	998002.6869
5439000	7/25/1996	224	224	1.62	370.28	975	6.0820%	Chloride	--	mg/L	500	28.3	#VALUE!	998002.6869
5439000	2/26/2000	224	224	1.62	370.28	975	6.0820%	Chloride	--	mg/L	500	28.3	#VALUE!	998002.6869
5439000	5/14/2003	224	224	1.62	370.28	975	6.0820%	Chloride	--	mg/L	500	28.3	#VALUE!	998002.6869
5439000	3/15/2007	224	224	1.62	370.28	975	6.0820%	Chloride	--	mg/L	500	28.3	#VALUE!	998002.6869
5439000	4/22/2011	224	224	1.62	370.28	975	6.0820%	Chloride	--	mg/L	500	28.3	#VALUE!	998002.6869
5439000	4/26/2013	224	224	1.62	370.28	975	6.0820%	Chloride	--	mg/L	500	28.3	#VALUE!	998002.6869
5439000	9/23/1980	223	223	1.62	368.66	987	6.1568%	Chloride	--	mg/L	500	28.3	#VALUE!	993644.1637
5439000	4/12/1982	223	223	1.62	368.66	987	6.1568%	Chloride	--	mg/L	500	28.3	#VALUE!	993644.1637
5439000	11/12/1982	223	223	1.62	368.66	987	6.1568%	Chloride	--	mg/L	500	28.3	#VALUE!	993644.1637
5439000	5/30/1991	223	223	1.62	368.66	987	6.1568%	Chloride	--	mg/L	500	28.3	#VALUE!	993644.1637
5439000	3/9/1998	223	223	1.62	368.66	987	6.1568%	Chloride	--	mg/L	500	28.3	#VALUE!	993644.1637
5439000	1/1/2011	223	223	1.62	368.66	987	6.1568%	Chloride	--	mg/L	500	28.3	#VALUE!	993644.1637

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/23/1928	222	222	1.62	367.04	993	6.1942%	Chloride	--	mg/L	500	28.3	#VALUE!	989285.6406
5439000	2/28/1929	222	222	1.62	367.04	993	6.1942%	Chloride	--	mg/L	500	28.3	#VALUE!	989285.6406
5439000	3/21/1929	222	222	1.62	367.04	993	6.1942%	Chloride	--	mg/L	500	28.3	#VALUE!	989285.6406
5439000	4/28/1929	222	222	1.62	367.04	993	6.1942%	Chloride	--	mg/L	500	28.3	#VALUE!	989285.6406
5439000	6/17/1929	222	222	1.62	367.04	993	6.1942%	Chloride	--	mg/L	500	28.3	#VALUE!	989285.6406
5439000	6/20/1929	222	222	1.62	367.04	993	6.1942%	Chloride	--	mg/L	500	28.3	#VALUE!	989285.6406
5439000	4/16/1980	222	222	1.62	367.04	993	6.1942%	Chloride	--	mg/L	500	28.3	#VALUE!	989285.6406
5439000	4/1/1983	222	222	1.62	367.04	993	6.1942%	Chloride	--	mg/L	500	28.3	#VALUE!	989285.6406
5439000	4/3/1988	222	222	1.62	367.04	993	6.1942%	Chloride	--	mg/L	500	28.3	#VALUE!	989285.6406
5439000	3/9/1993	222	222	1.62	367.04	993	6.1942%	Chloride	--	mg/L	500	28.3	#VALUE!	989285.6406
5439000	3/17/1999	222	222	1.62	367.04	993	6.1942%	Chloride	77.90	mg/L	500	28.3	154130.7028	989285.6406
5439000	2/15/2001	222	222	1.62	367.04	993	6.1942%	Chloride	--	mg/L	500	28.3	#VALUE!	989285.6406
5439000	5/17/2009	222	222	1.62	367.04	993	6.1942%	Chloride	--	mg/L	500	28.3	#VALUE!	989285.6406
5439000	9/27/1926	221	221	1.62	365.43	1006	6.2753%	Chloride	--	mg/L	500	28.3	#VALUE!	984927.1174
5439000	10/1/1926	221	221	1.62	365.43	1006	6.2753%	Chloride	--	mg/L	500	28.3	#VALUE!	984927.1174
5439000	10/7/1926	221	221	1.62	365.43	1006	6.2753%	Chloride	--	mg/L	500	28.3	#VALUE!	984927.1174
5439000	11/21/1926	221	221	1.62	365.43	1006	6.2753%	Chloride	--	mg/L	500	28.3	#VALUE!	984927.1174
5439000	2/2/1927	221	221	1.62	365.43	1006	6.2753%	Chloride	--	mg/L	500	28.3	#VALUE!	984927.1174
5439000	4/12/1980	221	221	1.62	365.43	1006	6.2753%	Chloride	--	mg/L	500	28.3	#VALUE!	984927.1174
5439000	5/31/1982	221	221	1.62	365.43	1006	6.2753%	Chloride	--	mg/L	500	28.3	#VALUE!	984927.1174
5439000	7/9/1982	221	221	1.62	365.43	1006	6.2753%	Chloride	--	mg/L	500	28.3	#VALUE!	984927.1174
5439000	1/23/1993	221	221	1.62	365.43	1006	6.2753%	Chloride	--	mg/L	500	28.3	#VALUE!	984927.1174
5439000	5/5/1993	221	221	1.62	365.43	1006	6.2753%	Chloride	--	mg/L	500	28.3	#VALUE!	984927.1174
5439000	9/14/1993	221	221	1.62	365.43	1006	6.2753%	Chloride	--	mg/L	500	28.3	#VALUE!	984927.1174
5439000	5/15/1999	221	221	1.62	365.43	1006	6.2753%	Chloride	--	mg/L	500	28.3	#VALUE!	984927.1174
5439000	9/21/2008	221	221	1.62	365.43	1006	6.2753%	Chloride	--	mg/L	500	28.3	#VALUE!	984927.1174
5439000	3/27/2009	221	221	1.62	365.43	1006	6.2753%	Chloride	--	mg/L	500	28.3	#VALUE!	984927.1174
5439000	6/2/1980	220	220	1.62	363.81	1020	6.3627%	Chloride	--	mg/L	500	28.3	#VALUE!	980568.5943
5439000	9/21/1980	220	220	1.62	363.81	1020	6.3627%	Chloride	--	mg/L	500	28.3	#VALUE!	980568.5943
5439000	3/11/1985	220	220	1.62	363.81	1020	6.3627%	Chloride	--	mg/L	500	28.3	#VALUE!	980568.5943
5439000	12/30/1992	220	220	1.62	363.81	1020	6.3627%	Chloride	--	mg/L	500	28.3	#VALUE!	980568.5943

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/29/1993	220	220	1.62	363.81	1020	6.3627%	Chloride	--	mg/L	500	28.3	#VALUE!	980568.5943
5439000	3/18/1999	220	220	1.62	363.81	1020	6.3627%	Chloride	--	mg/L	500	28.3	#VALUE!	980568.5943
5439000	4/27/2009	220	220	1.62	363.81	1020	6.3627%	Chloride	--	mg/L	500	28.3	#VALUE!	980568.5943
5439000	4/8/1980	219	219	1.62	362.19	1027	6.4063%	Chloride	--	mg/L	500	28.3	#VALUE!	976210.0711
5439000	5/11/2010	219	219	1.62	362.19	1027	6.4063%	Chloride	--	mg/L	500	28.3	#VALUE!	976210.0711
5439000	3/22/2014	219	219	1.62	362.19	1027	6.4063%	Chloride	--	mg/L	500	28.3	#VALUE!	976210.0711
5439000	7/22/1928	218	218	1.62	360.57	1030	6.4251%	Chloride	--	mg/L	500	28.3	#VALUE!	971851.548
5439000	12/28/1982	218	218	1.62	360.57	1030	6.4251%	Chloride	--	mg/L	500	28.3	#VALUE!	971851.548
5439000	11/15/1985	218	218	1.62	360.57	1030	6.4251%	Chloride	--	mg/L	500	28.3	#VALUE!	971851.548
5439000	4/24/1987	218	218	1.62	360.57	1030	6.4251%	Chloride	--	mg/L	500	28.3	#VALUE!	971851.548
5439000	7/1/1993	218	218	1.62	360.57	1030	6.4251%	Chloride	--	mg/L	500	28.3	#VALUE!	971851.548
5439000	2/24/2001	218	218	1.62	360.57	1030	6.4251%	Chloride	--	mg/L	500	28.3	#VALUE!	971851.548
5439000	3/19/2001	218	218	1.62	360.57	1030	6.4251%	Chloride	--	mg/L	500	28.3	#VALUE!	971851.548
5439000	7/13/2014	218	218	1.62	360.57	1030	6.4251%	Chloride	--	mg/L	500	28.3	#VALUE!	971851.548
5439000	4/18/1982	217	217	1.62	358.96	1038	6.4750%	Chloride	--	mg/L	500	28.3	#VALUE!	967493.0248
5439000	12/11/1982	217	217	1.62	358.96	1038	6.4750%	Chloride	--	mg/L	500	28.3	#VALUE!	967493.0248
5439000	7/9/1983	217	217	1.62	358.96	1038	6.4750%	Chloride	--	mg/L	500	28.3	#VALUE!	967493.0248
5439000	2/6/1991	217	217	1.62	358.96	1038	6.4750%	Chloride	--	mg/L	500	28.3	#VALUE!	967493.0248
5439000	7/26/1993	217	217	1.62	358.96	1038	6.4750%	Chloride	--	mg/L	500	28.3	#VALUE!	967493.0248
5439000	6/11/1996	217	217	1.62	358.96	1038	6.4750%	Chloride	--	mg/L	500	28.3	#VALUE!	967493.0248
5439000	6/5/2004	217	217	1.62	358.96	1038	6.4750%	Chloride	--	mg/L	500	28.3	#VALUE!	967493.0248
5439000	7/11/2007	217	217	1.62	358.96	1038	6.4750%	Chloride	--	mg/L	500	28.3	#VALUE!	967493.0248
5439000	2/23/1994	216	216	1.62	357.34	1046	6.5249%	Chloride	--	mg/L	500	28.3	#VALUE!	963134.5017
5439000	3/20/2001	216	216	1.62	357.34	1046	6.5249%	Chloride	--	mg/L	500	28.3	#VALUE!	963134.5017
5439000	12/23/2006	216	216	1.62	357.34	1046	6.5249%	Chloride	--	mg/L	500	28.3	#VALUE!	963134.5017
5439000	3/26/2007	216	216	1.62	357.34	1046	6.5249%	Chloride	--	mg/L	500	28.3	#VALUE!	963134.5017
5439000	4/9/1980	215	215	1.62	355.72	1050	6.5498%	Chloride	--	mg/L	500	28.3	#VALUE!	958775.9785
5439000	7/4/1982	215	215	1.62	355.72	1050	6.5498%	Chloride	--	mg/L	500	28.3	#VALUE!	958775.9785
5439000	3/10/1985	215	215	1.62	355.72	1050	6.5498%	Chloride	--	mg/L	500	28.3	#VALUE!	958775.9785
5439000	6/28/1993	215	215	1.62	355.72	1050	6.5498%	Chloride	--	mg/L	500	28.3	#VALUE!	958775.9785
5439000	4/10/1988	214	214	1.62	354.11	1054	6.5748%	Chloride	--	mg/L	500	28.3	#VALUE!	954417.4554

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/8/1989	214	214	1.62	354.11	1054	6.5748%	Chloride	--	mg/L	500	28.3	#VALUE!	954417.4554
5439000	1/16/1995	214	214	1.62	354.11	1054	6.5748%	Chloride	--	mg/L	500	28.3	#VALUE!	954417.4554
5439000	4/19/1998	214	214	1.62	354.11	1054	6.5748%	Chloride	--	mg/L	500	28.3	#VALUE!	954417.4554
5439000	3/10/2002	214	214	1.62	354.11	1054	6.5748%	Chloride	--	mg/L	500	28.3	#VALUE!	954417.4554
5439000	5/17/2004	214	214	1.62	354.11	1054	6.5748%	Chloride	--	mg/L	500	28.3	#VALUE!	954417.4554
5439000	5/27/2004	214	214	1.62	354.11	1054	6.5748%	Chloride	--	mg/L	500	28.3	#VALUE!	954417.4554
5439000	3/14/2009	214	214	1.62	354.11	1054	6.5748%	Chloride	--	mg/L	500	28.3	#VALUE!	954417.4554
5439000	12/30/2009	214	214	1.62	354.11	1054	6.5748%	Chloride	--	mg/L	500	28.3	#VALUE!	954417.4554
5439000	4/24/2011	214	214	1.62	354.11	1054	6.5748%	Chloride	--	mg/L	500	28.3	#VALUE!	954417.4554
5439000	5/13/1933	213	213	1.62	352.49	1064	6.6371%	Chloride	--	mg/L	500	28.3	#VALUE!	950058.9322
5439000	4/24/1981	213	213	1.62	352.49	1064	6.6371%	Chloride	--	mg/L	500	28.3	#VALUE!	950058.9322
5439000	12/27/1982	213	213	1.62	352.49	1064	6.6371%	Chloride	--	mg/L	500	28.3	#VALUE!	950058.9322
5439000	11/29/1983	213	213	1.62	352.49	1064	6.6371%	Chloride	--	mg/L	500	28.3	#VALUE!	950058.9322
5439000	8/7/1989	213	213	1.62	352.49	1064	6.6371%	Chloride	--	mg/L	500	28.3	#VALUE!	950058.9322
5439000	3/17/1991	213	213	1.62	352.49	1064	6.6371%	Chloride	--	mg/L	500	28.3	#VALUE!	950058.9322
5439000	6/21/1996	213	213	1.62	352.49	1064	6.6371%	Chloride	--	mg/L	500	28.3	#VALUE!	950058.9322
5439000	5/6/1999	213	213	1.62	352.49	1064	6.6371%	Chloride	--	mg/L	500	28.3	#VALUE!	950058.9322
5439000	5/7/1999	213	213	1.62	352.49	1064	6.6371%	Chloride	--	mg/L	500	28.3	#VALUE!	950058.9322
5439000	12/13/2006	213	213	1.62	352.49	1064	6.6371%	Chloride	--	mg/L	500	28.3	#VALUE!	950058.9322
5439000	12/10/2008	213	213	1.62	352.49	1064	6.6371%	Chloride	--	mg/L	500	28.3	#VALUE!	950058.9322
5439000	5/13/2011	213	213	1.62	352.49	1064	6.6371%	Chloride	--	mg/L	500	28.3	#VALUE!	950058.9322
5439000	9/22/1980	212	212	1.62	350.87	1076	6.7120%	Chloride	--	mg/L	500	28.3	#VALUE!	945700.409
5439000	4/15/1983	212	212	1.62	350.87	1076	6.7120%	Chloride	--	mg/L	500	28.3	#VALUE!	945700.409
5439000	5/4/1993	212	212	1.62	350.87	1076	6.7120%	Chloride	--	mg/L	500	28.3	#VALUE!	945700.409
5439000	12/16/1928	211	211	1.62	349.25	1079	6.7307%	Chloride	--	mg/L	500	28.3	#VALUE!	941341.8859
5439000	3/8/1929	211	211	1.62	349.25	1079	6.7307%	Chloride	--	mg/L	500	28.3	#VALUE!	941341.8859
5439000	3/25/1929	211	211	1.62	349.25	1079	6.7307%	Chloride	--	mg/L	500	28.3	#VALUE!	941341.8859
5439000	5/27/1983	211	211	1.62	349.25	1079	6.7307%	Chloride	--	mg/L	500	28.3	#VALUE!	941341.8859
5439000	1/23/1988	211	211	1.62	349.25	1079	6.7307%	Chloride	--	mg/L	500	28.3	#VALUE!	941341.8859
5439000	5/14/1990	211	211	1.62	349.25	1079	6.7307%	Chloride	--	mg/L	500	28.3	#VALUE!	941341.8859
5439000	6/28/1994	211	211	1.62	349.25	1079	6.7307%	Chloride	--	mg/L	500	28.3	#VALUE!	941341.8859

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/13/1995	211	211	1.62	349.25	1079	6.7307%	Chloride	--	mg/L	500	28.3	#VALUE!	941341.8859
5439000	7/9/2007	211	211	1.62	349.25	1079	6.7307%	Chloride	--	mg/L	500	28.3	#VALUE!	941341.8859
5439000	5/17/2010	211	211	1.62	349.25	1079	6.7307%	Chloride	--	mg/L	500	28.3	#VALUE!	941341.8859
5439000	5/8/2015	211	211	1.62	349.25	1079	6.7307%	Chloride	--	mg/L	500	28.3	#VALUE!	941341.8859
5439000	3/3/1926	210	210	1.62	347.64	1090	6.7993%	Chloride	--	mg/L	500	28.3	#VALUE!	936983.3627
5439000	4/12/1926	210	210	1.62	347.64	1090	6.7993%	Chloride	--	mg/L	500	28.3	#VALUE!	936983.3627
5439000	6/18/1926	210	210	1.62	347.64	1090	6.7993%	Chloride	--	mg/L	500	28.3	#VALUE!	936983.3627
5439000	11/29/1926	210	210	1.62	347.64	1090	6.7993%	Chloride	--	mg/L	500	28.3	#VALUE!	936983.3627
5439000	4/16/1927	210	210	1.62	347.64	1090	6.7993%	Chloride	--	mg/L	500	28.3	#VALUE!	936983.3627
5439000	4/23/1927	210	210	1.62	347.64	1090	6.7993%	Chloride	--	mg/L	500	28.3	#VALUE!	936983.3627
5439000	5/1/1927	210	210	1.62	347.64	1090	6.7993%	Chloride	--	mg/L	500	28.3	#VALUE!	936983.3627
5439000	5/10/1927	210	210	1.62	347.64	1090	6.7993%	Chloride	--	mg/L	500	28.3	#VALUE!	936983.3627
5439000	5/30/1927	210	210	1.62	347.64	1090	6.7993%	Chloride	--	mg/L	500	28.3	#VALUE!	936983.3627
5439000	11/29/1927	210	210	1.62	347.64	1090	6.7993%	Chloride	--	mg/L	500	28.3	#VALUE!	936983.3627
5439000	4/10/1928	210	210	1.62	347.64	1090	6.7993%	Chloride	--	mg/L	500	28.3	#VALUE!	936983.3627
5439000	9/2/1987	210	210	1.62	347.64	1090	6.7993%	Chloride	--	mg/L	500	28.3	#VALUE!	936983.3627
5439000	11/14/1992	210	210	1.62	347.64	1090	6.7993%	Chloride	--	mg/L	500	28.3	#VALUE!	936983.3627
5439000	11/28/1992	210	210	1.62	347.64	1090	6.7993%	Chloride	--	mg/L	500	28.3	#VALUE!	936983.3627
5439000	1/2/2011	210	210	1.62	347.64	1090	6.7993%	Chloride	--	mg/L	500	28.3	#VALUE!	936983.3627
5439000	4/12/2013	210	210	1.62	347.64	1090	6.7993%	Chloride	--	mg/L	500	28.3	#VALUE!	936983.3627
5439000	8/15/1980	209	209	1.62	346.02	1106	6.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	932624.8396
5439000	2/23/1981	209	209	1.62	346.02	1106	6.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	932624.8396
5439000	4/23/1984	209	209	1.62	346.02	1106	6.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	932624.8396
5439000	11/12/1985	209	209	1.62	346.02	1106	6.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	932624.8396
5439000	4/1/1988	209	209	1.62	346.02	1106	6.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	932624.8396
5439000	2/22/2011	209	209	1.62	346.02	1106	6.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	932624.8396
5439000	6/14/2011	209	209	1.62	346.02	1106	6.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	932624.8396
5439000	4/11/1982	208	208	1.62	344.40	1113	6.9428%	Chloride	--	mg/L	500	28.3	#VALUE!	928266.3164
5439000	3/6/1986	208	208	1.62	344.40	1113	6.9428%	Chloride	--	mg/L	500	28.3	#VALUE!	928266.3164
5439000	7/22/2007	208	208	1.62	344.40	1113	6.9428%	Chloride	--	mg/L	500	28.3	#VALUE!	928266.3164
5439000	4/28/2009	208	208	1.62	344.40	1113	6.9428%	Chloride	--	mg/L	500	28.3	#VALUE!	928266.3164

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/17/2011	208	208	1.62	344.40	1113	6.9428%	Chloride	--	mg/L	500	28.3	#VALUE!	928266.3164
5439000	10/17/1980	207	207	1.62	342.79	1118	6.9740%	Chloride	--	mg/L	500	28.3	#VALUE!	923907.7933
5439000	5/27/1982	207	207	1.62	342.79	1118	6.9740%	Chloride	--	mg/L	500	28.3	#VALUE!	923907.7933
5439000	6/26/1982	207	207	1.62	342.79	1118	6.9740%	Chloride	--	mg/L	500	28.3	#VALUE!	923907.7933
5439000	3/14/1986	207	207	1.62	342.79	1118	6.9740%	Chloride	--	mg/L	500	28.3	#VALUE!	923907.7933
5439000	6/13/1987	207	207	1.62	342.79	1118	6.9740%	Chloride	--	mg/L	500	28.3	#VALUE!	923907.7933
5439000	12/1/1990	207	207	1.62	342.79	1118	6.9740%	Chloride	--	mg/L	500	28.3	#VALUE!	923907.7933
5439000	3/20/1994	207	207	1.62	342.79	1118	6.9740%	Chloride	--	mg/L	500	28.3	#VALUE!	923907.7933
5439000	4/20/1998	207	207	1.62	342.79	1118	6.9740%	Chloride	--	mg/L	500	28.3	#VALUE!	923907.7933
5439000	4/15/2008	207	207	1.62	342.79	1118	6.9740%	Chloride	--	mg/L	500	28.3	#VALUE!	923907.7933
5439000	11/3/2009	207	207	1.62	342.79	1118	6.9740%	Chloride	--	mg/L	500	28.3	#VALUE!	923907.7933
5439000	2/11/2013	207	207	1.62	342.79	1118	6.9740%	Chloride	--	mg/L	500	28.3	#VALUE!	923907.7933
5439000	7/5/2014	207	207	1.62	342.79	1118	6.9740%	Chloride	--	mg/L	500	28.3	#VALUE!	923907.7933
5439000	5/9/2015	207	207	1.62	342.79	1118	6.9740%	Chloride	--	mg/L	500	28.3	#VALUE!	923907.7933
5439000	8/23/1987	206	206	1.62	341.17	1131	7.0551%	Chloride	--	mg/L	500	28.3	#VALUE!	919549.2701
5439000	3/18/1990	206	206	1.62	341.17	1131	7.0551%	Chloride	--	mg/L	500	28.3	#VALUE!	919549.2701
5439000	3/7/1992	206	206	1.62	341.17	1131	7.0551%	Chloride	--	mg/L	500	28.3	#VALUE!	919549.2701
5439000	6/10/1996	206	206	1.62	341.17	1131	7.0551%	Chloride	--	mg/L	500	28.3	#VALUE!	919549.2701
5439000	12/23/1987	205	205	1.62	339.55	1135	7.0800%	Chloride	--	mg/L	500	28.3	#VALUE!	915190.747
5439000	12/28/1987	205	205	1.62	339.55	1135	7.0800%	Chloride	--	mg/L	500	28.3	#VALUE!	915190.747
5439000	6/4/1989	205	205	1.62	339.55	1135	7.0800%	Chloride	--	mg/L	500	28.3	#VALUE!	915190.747
5439000	1/7/1993	205	205	1.62	339.55	1135	7.0800%	Chloride	--	mg/L	500	28.3	#VALUE!	915190.747
5439000	6/26/2000	205	205	1.62	339.55	1135	7.0800%	Chloride	--	mg/L	500	28.3	#VALUE!	915190.747
5439000	1/6/2008	205	205	1.62	339.55	1135	7.0800%	Chloride	--	mg/L	500	28.3	#VALUE!	915190.747
5439000	5/14/2008	205	205	1.62	339.55	1135	7.0800%	Chloride	--	mg/L	500	28.3	#VALUE!	915190.747
5439000	3/11/2015	205	205	1.62	339.55	1135	7.0800%	Chloride	--	mg/L	500	28.3	#VALUE!	915190.747
5439000	4/26/2015	205	205	1.62	339.55	1135	7.0800%	Chloride	--	mg/L	500	28.3	#VALUE!	915190.747
5439000	11/23/1983	204	204	1.62	337.94	1144	7.1362%	Chloride	--	mg/L	500	28.3	#VALUE!	910832.2238
5439000	3/12/1985	204	204	1.62	337.94	1144	7.1362%	Chloride	--	mg/L	500	28.3	#VALUE!	910832.2238
5439000	12/27/1987	204	204	1.62	337.94	1144	7.1362%	Chloride	--	mg/L	500	28.3	#VALUE!	910832.2238
5439000	5/8/1997	204	204	1.62	337.94	1144	7.1362%	Chloride	--	mg/L	500	28.3	#VALUE!	910832.2238

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/13/2013	204	204	1.62	337.94	1144	7.1362%	Chloride	--	mg/L	500	28.3	#VALUE!	910832.2238
5439000	3/22/1982	203	203	1.62	336.32	1149	7.1674%	Chloride	--	mg/L	500	28.3	#VALUE!	906473.7007
5439000	6/30/1982	203	203	1.62	336.32	1149	7.1674%	Chloride	--	mg/L	500	28.3	#VALUE!	906473.7007
5439000	2/21/1983	203	203	1.62	336.32	1149	7.1674%	Chloride	--	mg/L	500	28.3	#VALUE!	906473.7007
5439000	5/12/1998	203	203	1.62	336.32	1149	7.1674%	Chloride	--	mg/L	500	28.3	#VALUE!	906473.7007
5439000	4/22/2009	203	203	1.62	336.32	1149	7.1674%	Chloride	--	mg/L	500	28.3	#VALUE!	906473.7007
5439000	5/15/2009	203	203	1.62	336.32	1149	7.1674%	Chloride	--	mg/L	500	28.3	#VALUE!	906473.7007
5439000	4/19/1930	202	202	1.62	334.70	1155	7.2048%	Chloride	--	mg/L	500	28.3	#VALUE!	902115.1775
5439000	11/25/1931	202	202	1.62	334.70	1155	7.2048%	Chloride	--	mg/L	500	28.3	#VALUE!	902115.1775
5439000	3/4/1932	202	202	1.62	334.70	1155	7.2048%	Chloride	--	mg/L	500	28.3	#VALUE!	902115.1775
5439000	3/31/1932	202	202	1.62	334.70	1155	7.2048%	Chloride	--	mg/L	500	28.3	#VALUE!	902115.1775
5439000	5/3/1933	202	202	1.62	334.70	1155	7.2048%	Chloride	--	mg/L	500	28.3	#VALUE!	902115.1775
5439000	4/4/1988	202	202	1.62	334.70	1155	7.2048%	Chloride	--	mg/L	500	28.3	#VALUE!	902115.1775
5439000	4/24/1993	202	202	1.62	334.70	1155	7.2048%	Chloride	--	mg/L	500	28.3	#VALUE!	902115.1775
5439000	5/18/2004	202	202	1.62	334.70	1155	7.2048%	Chloride	--	mg/L	500	28.3	#VALUE!	902115.1775
5439000	3/11/2011	202	202	1.62	334.70	1155	7.2048%	Chloride	--	mg/L	500	28.3	#VALUE!	902115.1775
5439000	6/24/2014	202	202	1.62	334.70	1155	7.2048%	Chloride	--	mg/L	500	28.3	#VALUE!	902115.1775
5439000	5/23/1986	201	201	1.62	333.08	1165	7.2672%	Chloride	--	mg/L	500	28.3	#VALUE!	897756.6544
5439000	3/17/2001	201	201	1.62	333.08	1165	7.2672%	Chloride	--	mg/L	500	28.3	#VALUE!	897756.6544
5439000	11/22/1926	200	200	1.62	331.47	1167	7.2796%	Chloride	--	mg/L	500	28.3	#VALUE!	893398.1312
5439000	3/2/1929	200	200	1.62	331.47	1167	7.2796%	Chloride	--	mg/L	500	28.3	#VALUE!	893398.1312
5439000	4/5/1929	200	200	1.62	331.47	1167	7.2796%	Chloride	--	mg/L	500	28.3	#VALUE!	893398.1312
5439000	3/22/1991	200	200	1.62	331.47	1167	7.2796%	Chloride	--	mg/L	500	28.3	#VALUE!	893398.1312
5439000	12/19/1992	200	200	1.62	331.47	1167	7.2796%	Chloride	--	mg/L	500	28.3	#VALUE!	893398.1312
5439000	4/7/1993	200	200	1.62	331.47	1167	7.2796%	Chloride	--	mg/L	500	28.3	#VALUE!	893398.1312
5439000	5/31/1995	200	200	1.62	331.47	1167	7.2796%	Chloride	--	mg/L	500	28.3	#VALUE!	893398.1312
5439000	6/5/1995	200	200	1.62	331.47	1167	7.2796%	Chloride	--	mg/L	500	28.3	#VALUE!	893398.1312
5439000	6/14/1998	200	200	1.62	331.47	1167	7.2796%	Chloride	--	mg/L	500	28.3	#VALUE!	893398.1312
5439000	3/21/2001	200	200	1.62	331.47	1167	7.2796%	Chloride	--	mg/L	500	28.3	#VALUE!	893398.1312
5439000	5/3/2009	200	200	1.62	331.47	1167	7.2796%	Chloride	--	mg/L	500	28.3	#VALUE!	893398.1312
5439000	11/27/1990	199	199	1.62	329.85	1178	7.3483%	Chloride	--	mg/L	500	28.3	#VALUE!	889039.6081

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/14/1995	199	199	1.62	329.85	1178	7.3483%	Chloride	--	mg/L	500	28.3	#VALUE!	889039.6081
5439000	2/13/1998	199	199	1.62	329.85	1178	7.3483%	Chloride	--	mg/L	500	28.3	#VALUE!	889039.6081
5439000	6/4/1999	199	199	1.62	329.85	1178	7.3483%	Chloride	--	mg/L	500	28.3	#VALUE!	889039.6081
5439000	2/15/2005	199	199	1.62	329.85	1178	7.3483%	Chloride	--	mg/L	500	28.3	#VALUE!	889039.6081
5439000	9/2/2007	199	199	1.62	329.85	1178	7.3483%	Chloride	--	mg/L	500	28.3	#VALUE!	889039.6081
5439000	7/13/2015	199	199	1.62	329.85	1178	7.3483%	Chloride	--	mg/L	500	28.3	#VALUE!	889039.6081
5439000	9/2/1980	198	198	1.62	328.23	1185	7.3919%	Chloride	--	mg/L	500	28.3	#VALUE!	884681.0849
5439000	11/1/1985	198	198	1.62	328.23	1185	7.3919%	Chloride	--	mg/L	500	28.3	#VALUE!	884681.0849
5439000	3/11/1989	198	198	1.62	328.23	1185	7.3919%	Chloride	--	mg/L	500	28.3	#VALUE!	884681.0849
5439000	3/3/1991	198	198	1.62	328.23	1185	7.3919%	Chloride	--	mg/L	500	28.3	#VALUE!	884681.0849
5439000	8/24/1993	198	198	1.62	328.23	1185	7.3919%	Chloride	--	mg/L	500	28.3	#VALUE!	884681.0849
5439000	2/24/1994	198	198	1.62	328.23	1185	7.3919%	Chloride	--	mg/L	500	28.3	#VALUE!	884681.0849
5439000	3/17/2010	198	198	1.62	328.23	1185	7.3919%	Chloride	--	mg/L	500	28.3	#VALUE!	884681.0849
5439000	5/29/1983	197	197	1.62	326.62	1192	7.4356%	Chloride	--	mg/L	500	28.3	#VALUE!	880322.5618
5439000	6/7/1984	197	197	1.62	326.62	1192	7.4356%	Chloride	--	mg/L	500	28.3	#VALUE!	880322.5618
5439000	11/28/1987	197	197	1.62	326.62	1192	7.4356%	Chloride	--	mg/L	500	28.3	#VALUE!	880322.5618
5439000	6/19/1981	196	196	1.62	325.00	1195	7.4543%	Chloride	--	mg/L	500	28.3	#VALUE!	875964.0386
5439000	3/27/1983	196	196	1.62	325.00	1195	7.4543%	Chloride	--	mg/L	500	28.3	#VALUE!	875964.0386
5439000	5/6/1993	196	196	1.62	325.00	1195	7.4543%	Chloride	--	mg/L	500	28.3	#VALUE!	875964.0386
5439000	4/25/2007	196	196	1.62	325.00	1195	7.4543%	Chloride	--	mg/L	500	28.3	#VALUE!	875964.0386
5439000	10/26/2009	196	196	1.62	325.00	1195	7.4543%	Chloride	--	mg/L	500	28.3	#VALUE!	875964.0386
5439000	3/7/2011	196	196	1.62	325.00	1195	7.4543%	Chloride	--	mg/L	500	28.3	#VALUE!	875964.0386
5439000	8/12/1980	195	195	1.62	323.38	1201	7.4917%	Chloride	--	mg/L	500	28.3	#VALUE!	871605.5154
5439000	3/10/1993	195	195	1.62	323.38	1201	7.4917%	Chloride	--	mg/L	500	28.3	#VALUE!	871605.5154
5439000	3/29/2004	195	195	1.62	323.38	1201	7.4917%	Chloride	--	mg/L	500	28.3	#VALUE!	871605.5154
5439000	5/10/2015	195	195	1.62	323.38	1201	7.4917%	Chloride	--	mg/L	500	28.3	#VALUE!	871605.5154
5439000	6/25/2015	195	195	1.62	323.38	1201	7.4917%	Chloride	--	mg/L	500	28.3	#VALUE!	871605.5154
5439000	3/18/1982	194	194	1.62	321.76	1206	7.5229%	Chloride	--	mg/L	500	28.3	#VALUE!	867246.9923
5439000	3/1/2009	194	194	1.62	321.76	1206	7.5229%	Chloride	--	mg/L	500	28.3	#VALUE!	867246.9923
5439000	6/27/2010	194	194	1.62	321.76	1206	7.5229%	Chloride	--	mg/L	500	28.3	#VALUE!	867246.9923
5439000	6/29/1982	193	193	1.62	320.15	1209	7.5416%	Chloride	--	mg/L	500	28.3	#VALUE!	862888.4691

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/1/1991	193	193	1.62	320.15	1209	7.5416%	Chloride	--	mg/L	500	28.3	#VALUE!	862888.4691
5439000	6/13/1993	193	193	1.62	320.15	1209	7.5416%	Chloride	--	mg/L	500	28.3	#VALUE!	862888.4691
5439000	11/11/1994	193	193	1.62	320.15	1209	7.5416%	Chloride	--	mg/L	500	28.3	#VALUE!	862888.4691
5439000	8/10/1996	193	193	1.62	320.15	1209	7.5416%	Chloride	--	mg/L	500	28.3	#VALUE!	862888.4691
5439000	1/13/2005	193	193	1.62	320.15	1209	7.5416%	Chloride	--	mg/L	500	28.3	#VALUE!	862888.4691
5439000	12/14/2006	193	193	1.62	320.15	1209	7.5416%	Chloride	--	mg/L	500	28.3	#VALUE!	862888.4691
5439000	4/29/2009	193	193	1.62	320.15	1209	7.5416%	Chloride	--	mg/L	500	28.3	#VALUE!	862888.4691
5439000	10/27/2009	193	193	1.62	320.15	1209	7.5416%	Chloride	--	mg/L	500	28.3	#VALUE!	862888.4691
5439000	6/28/2010	193	193	1.62	320.15	1209	7.5416%	Chloride	--	mg/L	500	28.3	#VALUE!	862888.4691
5439000	4/27/2013	193	193	1.62	320.15	1209	7.5416%	Chloride	--	mg/L	500	28.3	#VALUE!	862888.4691
5439000	1/19/1933	192	192	1.62	318.53	1220	7.6103%	Chloride	--	mg/L	500	28.3	#VALUE!	858529.946
5439000	4/13/1982	192	192	1.62	318.53	1220	7.6103%	Chloride	--	mg/L	500	28.3	#VALUE!	858529.946
5439000	7/26/1982	192	192	1.62	318.53	1220	7.6103%	Chloride	--	mg/L	500	28.3	#VALUE!	858529.946
5439000	2/21/1984	192	192	1.62	318.53	1220	7.6103%	Chloride	--	mg/L	500	28.3	#VALUE!	858529.946
5439000	3/25/1984	192	192	1.62	318.53	1220	7.6103%	Chloride	--	mg/L	500	28.3	#VALUE!	858529.946
5439000	2/6/1986	192	192	1.62	318.53	1220	7.6103%	Chloride	--	mg/L	500	28.3	#VALUE!	858529.946
5439000	7/31/1996	192	192	1.62	318.53	1220	7.6103%	Chloride	--	mg/L	500	28.3	#VALUE!	858529.946
5439000	4/18/1999	192	192	1.62	318.53	1220	7.6103%	Chloride	--	mg/L	500	28.3	#VALUE!	858529.946
5439000	3/15/2001	192	192	1.62	318.53	1220	7.6103%	Chloride	--	mg/L	500	28.3	#VALUE!	858529.946
5439000	6/10/2002	192	192	1.62	318.53	1220	7.6103%	Chloride	--	mg/L	500	28.3	#VALUE!	858529.946
5439000	4/29/2007	192	192	1.62	318.53	1220	7.6103%	Chloride	--	mg/L	500	28.3	#VALUE!	858529.946
5439000	11/11/2011	192	192	1.62	318.53	1220	7.6103%	Chloride	--	mg/L	500	28.3	#VALUE!	858529.946
5439000	3/15/2015	192	192	1.62	318.53	1220	7.6103%	Chloride	--	mg/L	500	28.3	#VALUE!	858529.946
5439000	5/5/1990	191	191	1.62	316.91	1233	7.6913%	Chloride	--	mg/L	500	28.3	#VALUE!	854171.4228
5439000	9/16/1993	191	191	1.62	316.91	1233	7.6913%	Chloride	--	mg/L	500	28.3	#VALUE!	854171.4228
5439000	4/14/1995	191	191	1.62	316.91	1233	7.6913%	Chloride	--	mg/L	500	28.3	#VALUE!	854171.4228
5439000	4/24/1998	191	191	1.62	316.91	1233	7.6913%	Chloride	--	mg/L	500	28.3	#VALUE!	854171.4228
5439000	4/7/1926	190	190	1.62	315.30	1237	7.7163%	Chloride	--	mg/L	500	28.3	#VALUE!	849812.8997
5439000	6/15/1926	190	190	1.62	315.30	1237	7.7163%	Chloride	--	mg/L	500	28.3	#VALUE!	849812.8997
5439000	3/14/1927	190	190	1.62	315.30	1237	7.7163%	Chloride	--	mg/L	500	28.3	#VALUE!	849812.8997
5439000	4/24/1927	190	190	1.62	315.30	1237	7.7163%	Chloride	--	mg/L	500	28.3	#VALUE!	849812.8997

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/31/1927	190	190	1.62	315.30	1237	7.7163%	Chloride	--	mg/L	500	28.3	#VALUE!	849812.8997
5439000	11/24/1928	190	190	1.62	315.30	1237	7.7163%	Chloride	--	mg/L	500	28.3	#VALUE!	849812.8997
5439000	12/19/1928	190	190	1.62	315.30	1237	7.7163%	Chloride	--	mg/L	500	28.3	#VALUE!	849812.8997
5439000	12/1/1987	190	190	1.62	315.30	1237	7.7163%	Chloride	--	mg/L	500	28.3	#VALUE!	849812.8997
5439000	2/5/1993	190	190	1.62	315.30	1237	7.7163%	Chloride	--	mg/L	500	28.3	#VALUE!	849812.8997
5439000	4/11/1998	190	190	1.62	315.30	1237	7.7163%	Chloride	--	mg/L	500	28.3	#VALUE!	849812.8997
5439000	5/19/2002	190	190	1.62	315.30	1237	7.7163%	Chloride	--	mg/L	500	28.3	#VALUE!	849812.8997
5439000	3/28/2009	190	190	1.62	315.30	1237	7.7163%	Chloride	--	mg/L	500	28.3	#VALUE!	849812.8997
5439000	9/24/1980	189	189	1.62	313.68	1249	7.7912%	Chloride	--	mg/L	500	28.3	#VALUE!	845454.3765
5439000	5/2/1981	189	189	1.62	313.68	1249	7.7912%	Chloride	--	mg/L	500	28.3	#VALUE!	845454.3765
5439000	5/25/1987	189	189	1.62	313.68	1249	7.7912%	Chloride	--	mg/L	500	28.3	#VALUE!	845454.3765
5439000	12/12/1987	189	189	1.62	313.68	1249	7.7912%	Chloride	--	mg/L	500	28.3	#VALUE!	845454.3765
5439000	8/21/1990	189	189	1.62	313.68	1249	7.7912%	Chloride	--	mg/L	500	28.3	#VALUE!	845454.3765
5439000	5/7/2009	189	189	1.62	313.68	1249	7.7912%	Chloride	--	mg/L	500	28.3	#VALUE!	845454.3765
5439000	10/9/1927	188	188	1.62	312.06	1255	7.8286%	Chloride	--	mg/L	500	28.3	#VALUE!	841095.8534
5439000	7/7/1928	188	188	1.62	312.06	1255	7.8286%	Chloride	--	mg/L	500	28.3	#VALUE!	841095.8534
5439000	9/30/1993	188	188	1.62	312.06	1255	7.8286%	Chloride	--	mg/L	500	28.3	#VALUE!	841095.8534
5439000	3/15/2009	188	188	1.62	312.06	1255	7.8286%	Chloride	--	mg/L	500	28.3	#VALUE!	841095.8534
5439000	4/4/2009	188	188	1.62	312.06	1255	7.8286%	Chloride	--	mg/L	500	28.3	#VALUE!	841095.8534
5439000	5/28/2009	188	188	1.62	312.06	1255	7.8286%	Chloride	--	mg/L	500	28.3	#VALUE!	841095.8534
5439000	6/14/2013	188	188	1.62	312.06	1255	7.8286%	Chloride	--	mg/L	500	28.3	#VALUE!	841095.8534
5439000	6/12/2014	188	188	1.62	312.06	1255	7.8286%	Chloride	--	mg/L	500	28.3	#VALUE!	841095.8534
5439000	4/13/1980	187	187	1.62	310.44	1263	7.8785%	Chloride	--	mg/L	500	28.3	#VALUE!	836737.3302
5439000	12/29/1984	187	187	1.62	310.44	1263	7.8785%	Chloride	--	mg/L	500	28.3	#VALUE!	836737.3302
5439000	4/18/1991	187	187	1.62	310.44	1263	7.8785%	Chloride	--	mg/L	500	28.3	#VALUE!	836737.3302
5439000	4/29/1995	187	187	1.62	310.44	1263	7.8785%	Chloride	--	mg/L	500	28.3	#VALUE!	836737.3302
5439000	5/21/1996	187	187	1.62	310.44	1263	7.8785%	Chloride	--	mg/L	500	28.3	#VALUE!	836737.3302
5439000	3/18/2001	187	187	1.62	310.44	1263	7.8785%	Chloride	--	mg/L	500	28.3	#VALUE!	836737.3302
5439000	1/12/2008	187	187	1.62	310.44	1263	7.8785%	Chloride	--	mg/L	500	28.3	#VALUE!	836737.3302
5439000	4/8/2010	187	187	1.62	310.44	1263	7.8785%	Chloride	--	mg/L	500	28.3	#VALUE!	836737.3302
5439000	7/7/2015	187	187	1.62	310.44	1263	7.8785%	Chloride	--	mg/L	500	28.3	#VALUE!	836737.3302

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/17/1980	186	186	1.62	308.83	1272	7.9346%	Chloride	--	mg/L	500	28.3	#VALUE!	832378.8071
5439000	4/28/1981	186	186	1.62	308.83	1272	7.9346%	Chloride	--	mg/L	500	28.3	#VALUE!	832378.8071
5439000	5/15/1981	186	186	1.62	308.83	1272	7.9346%	Chloride	--	mg/L	500	28.3	#VALUE!	832378.8071
5439000	5/29/1982	186	186	1.62	308.83	1272	7.9346%	Chloride	--	mg/L	500	28.3	#VALUE!	832378.8071
5439000	12/29/1982	186	186	1.62	308.83	1272	7.9346%	Chloride	--	mg/L	500	28.3	#VALUE!	832378.8071
5439000	2/22/1983	186	186	1.62	308.83	1272	7.9346%	Chloride	--	mg/L	500	28.3	#VALUE!	832378.8071
5439000	4/16/1983	186	186	1.62	308.83	1272	7.9346%	Chloride	--	mg/L	500	28.3	#VALUE!	832378.8071
5439000	2/20/1986	186	186	1.62	308.83	1272	7.9346%	Chloride	--	mg/L	500	28.3	#VALUE!	832378.8071
5439000	6/3/1991	186	186	1.62	308.83	1272	7.9346%	Chloride	--	mg/L	500	28.3	#VALUE!	832378.8071
5439000	6/26/1996	186	186	1.62	308.83	1272	7.9346%	Chloride	--	mg/L	500	28.3	#VALUE!	832378.8071
5439000	3/5/1997	186	186	1.62	308.83	1272	7.9346%	Chloride	--	mg/L	500	28.3	#VALUE!	832378.8071
5439000	1/29/1999	186	186	1.62	308.83	1272	7.9346%	Chloride	--	mg/L	500	28.3	#VALUE!	832378.8071
5439000	6/10/2008	186	186	1.62	308.83	1272	7.9346%	Chloride	--	mg/L	500	28.3	#VALUE!	832378.8071
5439000	3/1/2011	186	186	1.62	308.83	1272	7.9346%	Chloride	--	mg/L	500	28.3	#VALUE!	832378.8071
5439000	3/12/1982	185	185	1.62	307.21	1286	8.0220%	Chloride	--	mg/L	500	28.3	#VALUE!	828020.2839
5439000	7/10/1983	185	185	1.62	307.21	1286	8.0220%	Chloride	--	mg/L	500	28.3	#VALUE!	828020.2839
5439000	5/23/1984	185	185	1.62	307.21	1286	8.0220%	Chloride	--	mg/L	500	28.3	#VALUE!	828020.2839
5439000	6/18/2000	185	185	1.62	307.21	1286	8.0220%	Chloride	--	mg/L	500	28.3	#VALUE!	828020.2839
5439000	6/6/2004	185	185	1.62	307.21	1286	8.0220%	Chloride	--	mg/L	500	28.3	#VALUE!	828020.2839
5439000	9/22/2008	185	185	1.62	307.21	1286	8.0220%	Chloride	--	mg/L	500	28.3	#VALUE!	828020.2839
5439000	6/15/2011	185	185	1.62	307.21	1286	8.0220%	Chloride	--	mg/L	500	28.3	#VALUE!	828020.2839
5439000	4/4/2014	185	185	1.62	307.21	1286	8.0220%	Chloride	--	mg/L	500	28.3	#VALUE!	828020.2839
5439000	7/11/1982	184	184	1.62	305.59	1294	8.0719%	Chloride	--	mg/L	500	28.3	#VALUE!	823661.7608
5439000	12/12/1982	184	184	1.62	305.59	1294	8.0719%	Chloride	--	mg/L	500	28.3	#VALUE!	823661.7608
5439000	3/13/1985	184	184	1.62	305.59	1294	8.0719%	Chloride	--	mg/L	500	28.3	#VALUE!	823661.7608
5439000	11/24/1985	184	184	1.62	305.59	1294	8.0719%	Chloride	--	mg/L	500	28.3	#VALUE!	823661.7608
5439000	12/5/1985	184	184	1.62	305.59	1294	8.0719%	Chloride	--	mg/L	500	28.3	#VALUE!	823661.7608
5439000	5/18/1991	184	184	1.62	305.59	1294	8.0719%	Chloride	--	mg/L	500	28.3	#VALUE!	823661.7608
5439000	4/12/1993	184	184	1.62	305.59	1294	8.0719%	Chloride	--	mg/L	500	28.3	#VALUE!	823661.7608
5439000	4/30/1999	184	184	1.62	305.59	1294	8.0719%	Chloride	--	mg/L	500	28.3	#VALUE!	823661.7608
5439000	5/17/1999	184	184	1.62	305.59	1294	8.0719%	Chloride	--	mg/L	500	28.3	#VALUE!	823661.7608

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/15/2003	184	184	1.62	305.59	1294	8.0719%	Chloride	--	mg/L	500	28.3	#VALUE!	823661.7608
5439000	3/7/2004	184	184	1.62	305.59	1294	8.0719%	Chloride	--	mg/L	500	28.3	#VALUE!	823661.7608
5439000	1/27/2010	184	184	1.62	305.59	1294	8.0719%	Chloride	--	mg/L	500	28.3	#VALUE!	823661.7608
5439000	6/3/1980	183	183	1.62	303.98	1306	8.1467%	Chloride	--	mg/L	500	28.3	#VALUE!	819303.2376
5439000	3/21/1983	183	183	1.62	303.98	1306	8.1467%	Chloride	--	mg/L	500	28.3	#VALUE!	819303.2376
5439000	3/14/1985	183	183	1.62	303.98	1306	8.1467%	Chloride	--	mg/L	500	28.3	#VALUE!	819303.2376
5439000	4/2/1988	183	183	1.62	303.98	1306	8.1467%	Chloride	--	mg/L	500	28.3	#VALUE!	819303.2376
5439000	3/8/1994	183	183	1.62	303.98	1306	8.1467%	Chloride	--	mg/L	500	28.3	#VALUE!	819303.2376
5439000	4/3/1998	183	183	1.62	303.98	1306	8.1467%	Chloride	--	mg/L	500	28.3	#VALUE!	819303.2376
5439000	5/28/2004	183	183	1.62	303.98	1306	8.1467%	Chloride	--	mg/L	500	28.3	#VALUE!	819303.2376
5439000	6/14/2004	183	183	1.62	303.98	1306	8.1467%	Chloride	--	mg/L	500	28.3	#VALUE!	819303.2376
5439000	4/5/2010	183	183	1.62	303.98	1306	8.1467%	Chloride	--	mg/L	500	28.3	#VALUE!	819303.2376
5439000	6/4/2011	183	183	1.62	303.98	1306	8.1467%	Chloride	--	mg/L	500	28.3	#VALUE!	819303.2376
5439000	12/12/1931	182	182	1.62	302.36	1316	8.2091%	Chloride	--	mg/L	500	28.3	#VALUE!	814944.7145
5439000	3/5/1932	182	182	1.62	302.36	1316	8.2091%	Chloride	--	mg/L	500	28.3	#VALUE!	814944.7145
5439000	5/7/1933	182	182	1.62	302.36	1316	8.2091%	Chloride	--	mg/L	500	28.3	#VALUE!	814944.7145
5439000	10/18/1980	182	182	1.62	302.36	1316	8.2091%	Chloride	--	mg/L	500	28.3	#VALUE!	814944.7145
5439000	5/28/1983	182	182	1.62	302.36	1316	8.2091%	Chloride	--	mg/L	500	28.3	#VALUE!	814944.7145
5439000	3/30/1991	182	182	1.62	302.36	1316	8.2091%	Chloride	--	mg/L	500	28.3	#VALUE!	814944.7145
5439000	11/29/1992	182	182	1.62	302.36	1316	8.2091%	Chloride	--	mg/L	500	28.3	#VALUE!	814944.7145
5439000	6/27/1993	182	182	1.62	302.36	1316	8.2091%	Chloride	--	mg/L	500	28.3	#VALUE!	814944.7145
5439000	3/5/2007	182	182	1.62	302.36	1316	8.2091%	Chloride	--	mg/L	500	28.3	#VALUE!	814944.7145
5439000	4/29/2011	182	182	1.62	302.36	1316	8.2091%	Chloride	--	mg/L	500	28.3	#VALUE!	814944.7145
5439000	7/10/1982	181	181	1.62	300.74	1326	8.2715%	Chloride	--	mg/L	500	28.3	#VALUE!	810586.1913
5439000	5/3/1983	181	181	1.62	300.74	1326	8.2715%	Chloride	--	mg/L	500	28.3	#VALUE!	810586.1913
5439000	7/28/1996	181	181	1.62	300.74	1326	8.2715%	Chloride	--	mg/L	500	28.3	#VALUE!	810586.1913
5439000	2/4/1999	181	181	1.62	300.74	1326	8.2715%	Chloride	--	mg/L	500	28.3	#VALUE!	810586.1913
5439000	6/11/2002	181	181	1.62	300.74	1326	8.2715%	Chloride	--	mg/L	500	28.3	#VALUE!	810586.1913
5439000	12/9/2008	181	181	1.62	300.74	1326	8.2715%	Chloride	--	mg/L	500	28.3	#VALUE!	810586.1913
5439000	5/18/2011	181	181	1.62	300.74	1326	8.2715%	Chloride	--	mg/L	500	28.3	#VALUE!	810586.1913
5439000	9/28/1926	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/8/1926	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682
5439000	11/30/1926	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682
5439000	4/17/1927	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682
5439000	6/5/1927	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682
5439000	3/26/1929	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682
5439000	6/18/1929	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682
5439000	11/13/1982	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682
5439000	2/19/1983	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682
5439000	4/5/1988	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682
5439000	4/11/1988	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682
5439000	5/20/1990	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682
5439000	3/23/1991	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682
5439000	4/14/1991	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682
5439000	6/23/1993	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682
5439000	3/31/1998	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682
5439000	5/6/1998	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682
5439000	3/16/2007	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682
5439000	6/24/2015	180	180	1.62	299.13	1333	8.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	806227.6682
5439000	10/4/1986	179	179	1.62	297.51	1352	8.4337%	Chloride	--	mg/L	500	28.3	#VALUE!	801869.145
5439000	3/10/1998	179	179	1.62	297.51	1352	8.4337%	Chloride	--	mg/L	500	28.3	#VALUE!	801869.145
5439000	4/11/2002	179	179	1.62	297.51	1352	8.4337%	Chloride	--	mg/L	500	28.3	#VALUE!	801869.145
5439000	6/25/2010	179	179	1.62	297.51	1352	8.4337%	Chloride	--	mg/L	500	28.3	#VALUE!	801869.145
5439000	3/13/1928	178	178	1.62	295.89	1356	8.4586%	Chloride	--	mg/L	500	28.3	#VALUE!	797510.6218
5439000	4/11/1928	178	178	1.62	295.89	1356	8.4586%	Chloride	--	mg/L	500	28.3	#VALUE!	797510.6218
5439000	4/14/1928	178	178	1.62	295.89	1356	8.4586%	Chloride	--	mg/L	500	28.3	#VALUE!	797510.6218
5439000	12/29/1987	178	178	1.62	295.89	1356	8.4586%	Chloride	--	mg/L	500	28.3	#VALUE!	797510.6218
5439000	9/9/1989	178	178	1.62	295.89	1356	8.4586%	Chloride	--	mg/L	500	28.3	#VALUE!	797510.6218
5439000	3/8/1990	178	178	1.62	295.89	1356	8.4586%	Chloride	--	mg/L	500	28.3	#VALUE!	797510.6218
5439000	3/21/1998	178	178	1.62	295.89	1356	8.4586%	Chloride	--	mg/L	500	28.3	#VALUE!	797510.6218
5439000	11/10/1998	178	178	1.62	295.89	1356	8.4586%	Chloride	--	mg/L	500	28.3	#VALUE!	797510.6218
5439000	11/11/1998	178	178	1.62	295.89	1356	8.4586%	Chloride	--	mg/L	500	28.3	#VALUE!	797510.6218

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/24/2000	178	178	1.62	295.89	1356	8.4586%	Chloride	--	mg/L	500	28.3	#VALUE!	797510.6218
5439000	6/5/2001	178	178	1.62	295.89	1356	8.4586%	Chloride	--	mg/L	500	28.3	#VALUE!	797510.6218
5439000	3/8/2010	178	178	1.62	295.89	1356	8.4586%	Chloride	--	mg/L	500	28.3	#VALUE!	797510.6218
5439000	5/27/2015	178	178	1.62	295.89	1356	8.4586%	Chloride	--	mg/L	500	28.3	#VALUE!	797510.6218
5439000	4/22/1984	177	177	1.62	294.27	1369	8.5397%	Chloride	--	mg/L	500	28.3	#VALUE!	793152.0987
5439000	5/31/1984	177	177	1.62	294.27	1369	8.5397%	Chloride	--	mg/L	500	28.3	#VALUE!	793152.0987
5439000	11/3/1987	177	177	1.62	294.27	1369	8.5397%	Chloride	--	mg/L	500	28.3	#VALUE!	793152.0987
5439000	1/8/1998	177	177	1.62	294.27	1369	8.5397%	Chloride	--	mg/L	500	28.3	#VALUE!	793152.0987
5439000	5/12/2000	177	177	1.62	294.27	1369	8.5397%	Chloride	--	mg/L	500	28.3	#VALUE!	793152.0987
5439000	4/10/2015	177	177	1.62	294.27	1369	8.5397%	Chloride	--	mg/L	500	28.3	#VALUE!	793152.0987
5439000	11/5/1985	176	176	1.62	292.66	1375	8.5771%	Chloride	--	mg/L	500	28.3	#VALUE!	788793.5755
5439000	7/4/2000	176	176	1.62	292.66	1375	8.5771%	Chloride	--	mg/L	500	28.3	#VALUE!	788793.5755
5439000	3/1/2001	176	176	1.62	292.66	1375	8.5771%	Chloride	--	mg/L	500	28.3	#VALUE!	788793.5755
5439000	3/30/2004	176	176	1.62	292.66	1375	8.5771%	Chloride	--	mg/L	500	28.3	#VALUE!	788793.5755
5439000	3/27/2007	176	176	1.62	292.66	1375	8.5771%	Chloride	--	mg/L	500	28.3	#VALUE!	788793.5755
5439000	9/3/2007	176	176	1.62	292.66	1375	8.5771%	Chloride	--	mg/L	500	28.3	#VALUE!	788793.5755
5439000	1/3/2009	176	176	1.62	292.66	1375	8.5771%	Chloride	--	mg/L	500	28.3	#VALUE!	788793.5755
5439000	5/18/2009	176	176	1.62	292.66	1375	8.5771%	Chloride	--	mg/L	500	28.3	#VALUE!	788793.5755
5439000	6/11/2009	176	176	1.62	292.66	1375	8.5771%	Chloride	--	mg/L	500	28.3	#VALUE!	788793.5755
5439000	3/17/2013	176	176	1.62	292.66	1375	8.5771%	Chloride	--	mg/L	500	28.3	#VALUE!	788793.5755
5439000	10/18/1981	175	175	1.62	291.04	1385	8.6395%	Chloride	--	mg/L	500	28.3	#VALUE!	784435.0524
5439000	4/19/1982	175	175	1.62	291.04	1385	8.6395%	Chloride	--	mg/L	500	28.3	#VALUE!	784435.0524
5439000	5/15/1990	175	175	1.62	291.04	1385	8.6395%	Chloride	--	mg/L	500	28.3	#VALUE!	784435.0524
5439000	1/25/1993	175	175	1.62	291.04	1385	8.6395%	Chloride	--	mg/L	500	28.3	#VALUE!	784435.0524
5439000	5/3/1993	175	175	1.62	291.04	1385	8.6395%	Chloride	--	mg/L	500	28.3	#VALUE!	784435.0524
5439000	5/7/1993	175	175	1.62	291.04	1385	8.6395%	Chloride	--	mg/L	500	28.3	#VALUE!	784435.0524
5439000	7/22/1993	175	175	1.62	291.04	1385	8.6395%	Chloride	--	mg/L	500	28.3	#VALUE!	784435.0524
5439000	7/26/1996	175	175	1.62	291.04	1385	8.6395%	Chloride	--	mg/L	500	28.3	#VALUE!	784435.0524
5439000	2/2/2001	175	175	1.62	291.04	1385	8.6395%	Chloride	--	mg/L	500	28.3	#VALUE!	784435.0524
5439000	6/5/2008	175	175	1.62	291.04	1385	8.6395%	Chloride	--	mg/L	500	28.3	#VALUE!	784435.0524
5439000	6/15/2009	175	175	1.62	291.04	1385	8.6395%	Chloride	--	mg/L	500	28.3	#VALUE!	784435.0524

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/3/2013	175	175	1.62	291.04	1385	8.6395%	Chloride	--	mg/L	500	28.3	#VALUE!	784435.0524
5439000	4/6/1982	174	174	1.62	289.42	1397	8.7144%	Chloride	--	mg/L	500	28.3	#VALUE!	780076.5292
5439000	10/1/1993	174	174	1.62	289.42	1397	8.7144%	Chloride	--	mg/L	500	28.3	#VALUE!	780076.5292
5439000	6/17/1999	174	174	1.62	289.42	1397	8.7144%	Chloride	--	mg/L	500	28.3	#VALUE!	780076.5292
5439000	3/22/2001	174	174	1.62	289.42	1397	8.7144%	Chloride	--	mg/L	500	28.3	#VALUE!	780076.5292
5439000	5/19/2004	174	174	1.62	289.42	1397	8.7144%	Chloride	--	mg/L	500	28.3	#VALUE!	780076.5292
5439000	4/3/2008	174	174	1.62	289.42	1397	8.7144%	Chloride	--	mg/L	500	28.3	#VALUE!	780076.5292
5439000	5/30/1983	173	173	1.62	287.81	1403	8.7518%	Chloride	--	mg/L	500	28.3	#VALUE!	775718.0061
5439000	6/29/1985	173	173	1.62	287.81	1403	8.7518%	Chloride	--	mg/L	500	28.3	#VALUE!	775718.0061
5439000	3/19/1990	173	173	1.62	287.81	1403	8.7518%	Chloride	--	mg/L	500	28.3	#VALUE!	775718.0061
5439000	5/13/1998	173	173	1.62	287.81	1403	8.7518%	Chloride	--	mg/L	500	28.3	#VALUE!	775718.0061
5439000	5/16/1999	173	173	1.62	287.81	1403	8.7518%	Chloride	--	mg/L	500	28.3	#VALUE!	775718.0061
5439000	6/7/2001	173	173	1.62	287.81	1403	8.7518%	Chloride	--	mg/L	500	28.3	#VALUE!	775718.0061
5439000	5/6/2003	173	173	1.62	287.81	1403	8.7518%	Chloride	--	mg/L	500	28.3	#VALUE!	775718.0061
5439000	4/25/2011	173	173	1.62	287.81	1403	8.7518%	Chloride	--	mg/L	500	28.3	#VALUE!	775718.0061
5439000	7/17/2015	173	173	1.62	287.81	1403	8.7518%	Chloride	--	mg/L	500	28.3	#VALUE!	775718.0061
5439000	2/24/1930	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829
5439000	2/28/1930	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829
5439000	4/23/1930	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829
5439000	1/15/1932	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829
5439000	1/17/1932	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829
5439000	2/11/1932	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829
5439000	4/1/1932	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829
5439000	5/14/1933	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829
5439000	5/27/1933	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829
5439000	4/10/1980	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829
5439000	8/13/1980	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829
5439000	8/16/1980	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829
5439000	8/22/1980	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829
5439000	2/23/1983	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829
5439000	2/22/1984	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/11/1998	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829
5439000	11/4/2009	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829
5439000	12/31/2009	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829
5439000	3/1/2012	172	172	1.62	286.19	1412	8.8079%	Chloride	--	mg/L	500	28.3	#VALUE!	771359.4829
5439000	7/14/1986	171	171	1.62	284.57	1431	8.9265%	Chloride	--	mg/L	500	28.3	#VALUE!	767000.9598
5439000	9/3/1987	171	171	1.62	284.57	1431	8.9265%	Chloride	--	mg/L	500	28.3	#VALUE!	767000.9598
5439000	9/1/1989	171	171	1.62	284.57	1431	8.9265%	Chloride	--	mg/L	500	28.3	#VALUE!	767000.9598
5439000	6/7/1993	171	171	1.62	284.57	1431	8.9265%	Chloride	--	mg/L	500	28.3	#VALUE!	767000.9598
5439000	11/13/1995	171	171	1.62	284.57	1431	8.9265%	Chloride	--	mg/L	500	28.3	#VALUE!	767000.9598
5439000	6/12/1996	171	171	1.62	284.57	1431	8.9265%	Chloride	--	mg/L	500	28.3	#VALUE!	767000.9598
5439000	5/9/1997	171	171	1.62	284.57	1431	8.9265%	Chloride	--	mg/L	500	28.3	#VALUE!	767000.9598
5439000	2/1/1999	171	171	1.62	284.57	1431	8.9265%	Chloride	--	mg/L	500	28.3	#VALUE!	767000.9598
5439000	2/16/2001	171	171	1.62	284.57	1431	8.9265%	Chloride	--	mg/L	500	28.3	#VALUE!	767000.9598
5439000	5/2/2003	171	171	1.62	284.57	1431	8.9265%	Chloride	--	mg/L	500	28.3	#VALUE!	767000.9598
5439000	8/11/2007	171	171	1.62	284.57	1431	8.9265%	Chloride	--	mg/L	500	28.3	#VALUE!	767000.9598
5439000	4/26/2009	171	171	1.62	284.57	1431	8.9265%	Chloride	--	mg/L	500	28.3	#VALUE!	767000.9598
5439000	5/13/2015	171	171	1.62	284.57	1431	8.9265%	Chloride	--	mg/L	500	28.3	#VALUE!	767000.9598
5439000	2/20/1926	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	4/13/1926	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	9/16/1926	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	11/23/1926	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	2/8/1927	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	3/15/1927	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	4/5/1927	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	5/2/1927	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	5/11/1927	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	3/9/1929	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	4/29/1929	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	3/15/1982	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	7/27/1982	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	12/30/1984	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/8/1998	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	3/31/2004	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	12/15/2006	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	2/26/2009	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	7/25/2010	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	2/29/2012	170	170	1.62	282.95	1444	9.0075%	Chloride	--	mg/L	500	28.3	#VALUE!	762642.4366
5439000	4/16/1982	169	169	1.62	281.34	1464	9.1323%	Chloride	--	mg/L	500	28.3	#VALUE!	758283.9135
5439000	4/24/1984	169	169	1.62	281.34	1464	9.1323%	Chloride	--	mg/L	500	28.3	#VALUE!	758283.9135
5439000	1/24/1988	169	169	1.62	281.34	1464	9.1323%	Chloride	--	mg/L	500	28.3	#VALUE!	758283.9135
5439000	8/2/1989	169	169	1.62	281.34	1464	9.1323%	Chloride	--	mg/L	500	28.3	#VALUE!	758283.9135
5439000	4/30/1993	169	169	1.62	281.34	1464	9.1323%	Chloride	--	mg/L	500	28.3	#VALUE!	758283.9135
5439000	6/22/1996	169	169	1.62	281.34	1464	9.1323%	Chloride	--	mg/L	500	28.3	#VALUE!	758283.9135
5439000	1/31/1999	169	169	1.62	281.34	1464	9.1323%	Chloride	--	mg/L	500	28.3	#VALUE!	758283.9135
5439000	4/23/2000	169	169	1.62	281.34	1464	9.1323%	Chloride	--	mg/L	500	28.3	#VALUE!	758283.9135
5439000	10/23/2001	169	169	1.62	281.34	1464	9.1323%	Chloride	--	mg/L	500	28.3	#VALUE!	758283.9135
5439000	7/20/2008	169	169	1.62	281.34	1464	9.1323%	Chloride	--	mg/L	500	28.3	#VALUE!	758283.9135
5439000	10/25/2008	169	169	1.62	281.34	1464	9.1323%	Chloride	--	mg/L	500	28.3	#VALUE!	758283.9135
5439000	3/18/2010	169	169	1.62	281.34	1464	9.1323%	Chloride	--	mg/L	500	28.3	#VALUE!	758283.9135
5439000	5/9/2012	169	169	1.62	281.34	1464	9.1323%	Chloride	--	mg/L	500	28.3	#VALUE!	758283.9135
5439000	4/5/1928	168	168	1.62	279.72	1477	9.2134%	Chloride	--	mg/L	500	28.3	#VALUE!	753925.3903
5439000	4/15/1928	168	168	1.62	279.72	1477	9.2134%	Chloride	--	mg/L	500	28.3	#VALUE!	753925.3903
5439000	4/16/1928	168	168	1.62	279.72	1477	9.2134%	Chloride	--	mg/L	500	28.3	#VALUE!	753925.3903
5439000	6/25/1928	168	168	1.62	279.72	1477	9.2134%	Chloride	--	mg/L	500	28.3	#VALUE!	753925.3903
5439000	4/17/1983	168	168	1.62	279.72	1477	9.2134%	Chloride	--	mg/L	500	28.3	#VALUE!	753925.3903
5439000	5/27/1984	168	168	1.62	279.72	1477	9.2134%	Chloride	--	mg/L	500	28.3	#VALUE!	753925.3903
5439000	4/22/1987	168	168	1.62	279.72	1477	9.2134%	Chloride	--	mg/L	500	28.3	#VALUE!	753925.3903
5439000	11/5/1990	168	168	1.62	279.72	1477	9.2134%	Chloride	--	mg/L	500	28.3	#VALUE!	753925.3903
5439000	4/28/2013	168	168	1.62	279.72	1477	9.2134%	Chloride	--	mg/L	500	28.3	#VALUE!	753925.3903
5439000	9/25/1980	167	167	1.62	278.10	1486	9.2695%	Chloride	--	mg/L	500	28.3	#VALUE!	749566.8672
5439000	4/15/1981	167	167	1.62	278.10	1486	9.2695%	Chloride	--	mg/L	500	28.3	#VALUE!	749566.8672
5439000	3/4/1986	167	167	1.62	278.10	1486	9.2695%	Chloride	--	mg/L	500	28.3	#VALUE!	749566.8672

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/26/1987	167	167	1.62	278.10	1486	9.2695%	Chloride	--	mg/L	500	28.3	#VALUE!	749566.8672
5439000	12/7/1987	167	167	1.62	278.10	1486	9.2695%	Chloride	--	mg/L	500	28.3	#VALUE!	749566.8672
5439000	1/19/1988	167	167	1.62	278.10	1486	9.2695%	Chloride	--	mg/L	500	28.3	#VALUE!	749566.8672
5439000	4/25/1993	167	167	1.62	278.10	1486	9.2695%	Chloride	--	mg/L	500	28.3	#VALUE!	749566.8672
5439000	3/22/1994	167	167	1.62	278.10	1486	9.2695%	Chloride	--	mg/L	500	28.3	#VALUE!	749566.8672
5439000	1/6/1998	167	167	1.62	278.10	1486	9.2695%	Chloride	--	mg/L	500	28.3	#VALUE!	749566.8672
5439000	4/8/2002	167	167	1.62	278.10	1486	9.2695%	Chloride	--	mg/L	500	28.3	#VALUE!	749566.8672
5439000	5/4/2009	167	167	1.62	278.10	1486	9.2695%	Chloride	--	mg/L	500	28.3	#VALUE!	749566.8672
5439000	5/8/2009	167	167	1.62	278.10	1486	9.2695%	Chloride	--	mg/L	500	28.3	#VALUE!	749566.8672
5439000	3/12/2011	167	167	1.62	278.10	1486	9.2695%	Chloride	--	mg/L	500	28.3	#VALUE!	749566.8672
5439000	6/14/1984	166	166	1.62	276.49	1499	9.3506%	Chloride	--	mg/L	500	28.3	#VALUE!	745208.344
5439000	11/1/1984	166	166	1.62	276.49	1499	9.3506%	Chloride	--	mg/L	500	28.3	#VALUE!	745208.344
5439000	4/25/1987	166	166	1.62	276.49	1499	9.3506%	Chloride	--	mg/L	500	28.3	#VALUE!	745208.344
5439000	3/8/1992	166	166	1.62	276.49	1499	9.3506%	Chloride	--	mg/L	500	28.3	#VALUE!	745208.344
5439000	7/4/1998	166	166	1.62	276.49	1499	9.3506%	Chloride	--	mg/L	500	28.3	#VALUE!	745208.344
5439000	3/8/2002	166	166	1.62	276.49	1499	9.3506%	Chloride	--	mg/L	500	28.3	#VALUE!	745208.344
5439000	3/16/2009	166	166	1.62	276.49	1499	9.3506%	Chloride	--	mg/L	500	28.3	#VALUE!	745208.344
5439000	3/17/2009	166	166	1.62	276.49	1499	9.3506%	Chloride	--	mg/L	500	28.3	#VALUE!	745208.344
5439000	4/23/2009	166	166	1.62	276.49	1499	9.3506%	Chloride	--	mg/L	500	28.3	#VALUE!	745208.344
5439000	8/28/2009	166	166	1.62	276.49	1499	9.3506%	Chloride	--	mg/L	500	28.3	#VALUE!	745208.344
5439000	10/25/2009	166	166	1.62	276.49	1499	9.3506%	Chloride	--	mg/L	500	28.3	#VALUE!	745208.344
5439000	7/28/1982	165	165	1.62	274.87	1510	9.4193%	Chloride	--	mg/L	500	28.3	#VALUE!	740849.8209
5439000	12/13/1982	165	165	1.62	274.87	1510	9.4193%	Chloride	--	mg/L	500	28.3	#VALUE!	740849.8209
5439000	5/24/1986	165	165	1.62	274.87	1510	9.4193%	Chloride	--	mg/L	500	28.3	#VALUE!	740849.8209
5439000	12/13/1991	165	165	1.62	274.87	1510	9.4193%	Chloride	--	mg/L	500	28.3	#VALUE!	740849.8209
5439000	7/23/1993	165	165	1.62	274.87	1510	9.4193%	Chloride	--	mg/L	500	28.3	#VALUE!	740849.8209
5439000	6/6/1995	165	165	1.62	274.87	1510	9.4193%	Chloride	--	mg/L	500	28.3	#VALUE!	740849.8209
5439000	2/11/1999	165	165	1.62	274.87	1510	9.4193%	Chloride	--	mg/L	500	28.3	#VALUE!	740849.8209
5439000	3/6/2007	165	165	1.62	274.87	1510	9.4193%	Chloride	--	mg/L	500	28.3	#VALUE!	740849.8209
5439000	7/6/2014	165	165	1.62	274.87	1510	9.4193%	Chloride	--	mg/L	500	28.3	#VALUE!	740849.8209
5439000	3/10/1989	164	164	1.62	273.25	1519	9.4754%	Chloride	--	mg/L	500	28.3	#VALUE!	736491.2977

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/20/1990	164	164	1.62	273.25	1519	9.4754%	Chloride	--	mg/L	500	28.3	#VALUE!	736491.2977
5439000	7/2/1993	164	164	1.62	273.25	1519	9.4754%	Chloride	--	mg/L	500	28.3	#VALUE!	736491.2977
5439000	7/27/1993	164	164	1.62	273.25	1519	9.4754%	Chloride	--	mg/L	500	28.3	#VALUE!	736491.2977
5439000	5/15/1995	164	164	1.62	273.25	1519	9.4754%	Chloride	--	mg/L	500	28.3	#VALUE!	736491.2977
5439000	6/1/1995	164	164	1.62	273.25	1519	9.4754%	Chloride	--	mg/L	500	28.3	#VALUE!	736491.2977
5439000	4/25/1998	164	164	1.62	273.25	1519	9.4754%	Chloride	--	mg/L	500	28.3	#VALUE!	736491.2977
5439000	7/7/1998	164	164	1.62	273.25	1519	9.4754%	Chloride	--	mg/L	500	28.3	#VALUE!	736491.2977
5439000	5/20/2002	164	164	1.62	273.25	1519	9.4754%	Chloride	--	mg/L	500	28.3	#VALUE!	736491.2977
5439000	4/16/2008	164	164	1.62	273.25	1519	9.4754%	Chloride	--	mg/L	500	28.3	#VALUE!	736491.2977
5439000	5/18/2010	164	164	1.62	273.25	1519	9.4754%	Chloride	--	mg/L	500	28.3	#VALUE!	736491.2977
5439000	3/1/1930	163	163	1.62	271.63	1530	9.5440%	Chloride	--	mg/L	500	28.3	#VALUE!	732132.7746
5439000	1/16/1932	163	163	1.62	271.63	1530	9.5440%	Chloride	--	mg/L	500	28.3	#VALUE!	732132.7746
5439000	1/18/1932	163	163	1.62	271.63	1530	9.5440%	Chloride	--	mg/L	500	28.3	#VALUE!	732132.7746
5439000	3/2/1932	163	163	1.62	271.63	1530	9.5440%	Chloride	--	mg/L	500	28.3	#VALUE!	732132.7746
5439000	3/6/1932	163	163	1.62	271.63	1530	9.5440%	Chloride	--	mg/L	500	28.3	#VALUE!	732132.7746
5439000	3/26/1932	163	163	1.62	271.63	1530	9.5440%	Chloride	--	mg/L	500	28.3	#VALUE!	732132.7746
5439000	12/26/1932	163	163	1.62	271.63	1530	9.5440%	Chloride	--	mg/L	500	28.3	#VALUE!	732132.7746
5439000	7/4/1933	163	163	1.62	271.63	1530	9.5440%	Chloride	--	mg/L	500	28.3	#VALUE!	732132.7746
5439000	5/20/1987	163	163	1.62	271.63	1530	9.5440%	Chloride	--	mg/L	500	28.3	#VALUE!	732132.7746
5439000	2/2/1990	163	163	1.62	271.63	1530	9.5440%	Chloride	--	mg/L	500	28.3	#VALUE!	732132.7746
5439000	11/6/1990	163	163	1.62	271.63	1530	9.5440%	Chloride	--	mg/L	500	28.3	#VALUE!	732132.7746
5439000	12/8/1991	163	163	1.62	271.63	1530	9.5440%	Chloride	--	mg/L	500	28.3	#VALUE!	732132.7746
5439000	2/21/2002	163	163	1.62	271.63	1530	9.5440%	Chloride	--	mg/L	500	28.3	#VALUE!	732132.7746
5439000	6/24/2009	163	163	1.62	271.63	1530	9.5440%	Chloride	--	mg/L	500	28.3	#VALUE!	732132.7746
5439000	7/14/2015	163	163	1.62	271.63	1530	9.5440%	Chloride	--	mg/L	500	28.3	#VALUE!	732132.7746
5439000	12/12/1983	162	162	1.62	270.02	1545	9.6376%	Chloride	--	mg/L	500	28.3	#VALUE!	727774.2514
5439000	11/25/1985	162	162	1.62	270.02	1545	9.6376%	Chloride	--	mg/L	500	28.3	#VALUE!	727774.2514
5439000	2/21/1986	162	162	1.62	270.02	1545	9.6376%	Chloride	--	mg/L	500	28.3	#VALUE!	727774.2514
5439000	12/3/1990	162	162	1.62	270.02	1545	9.6376%	Chloride	--	mg/L	500	28.3	#VALUE!	727774.2514
5439000	4/13/1993	162	162	1.62	270.02	1545	9.6376%	Chloride	--	mg/L	500	28.3	#VALUE!	727774.2514
5439000	11/12/1994	162	162	1.62	270.02	1545	9.6376%	Chloride	--	mg/L	500	28.3	#VALUE!	727774.2514

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/12/1996	162	162	1.62	270.02	1545	9.6376%	Chloride	--	mg/L	500	28.3	#VALUE!	727774.2514
5439000	2/13/1999	162	162	1.62	270.02	1545	9.6376%	Chloride	--	mg/L	500	28.3	#VALUE!	727774.2514
5439000	5/11/2000	162	162	1.62	270.02	1545	9.6376%	Chloride	--	mg/L	500	28.3	#VALUE!	727774.2514
5439000	4/24/2009	162	162	1.62	270.02	1545	9.6376%	Chloride	--	mg/L	500	28.3	#VALUE!	727774.2514
5439000	12/18/2011	162	162	1.62	270.02	1545	9.6376%	Chloride	--	mg/L	500	28.3	#VALUE!	727774.2514
5439000	5/17/2015	162	162	1.62	270.02	1545	9.6376%	Chloride	--	mg/L	500	28.3	#VALUE!	727774.2514
5439000	11/25/1928	161	161	1.62	268.40	1557	9.7124%	Chloride	--	mg/L	500	28.3	#VALUE!	723415.7282
5439000	12/4/1928	161	161	1.62	268.40	1557	9.7124%	Chloride	--	mg/L	500	28.3	#VALUE!	723415.7282
5439000	6/21/1929	161	161	1.62	268.40	1557	9.7124%	Chloride	--	mg/L	500	28.3	#VALUE!	723415.7282
5439000	5/16/1981	161	161	1.62	268.40	1557	9.7124%	Chloride	--	mg/L	500	28.3	#VALUE!	723415.7282
5439000	6/20/1981	161	161	1.62	268.40	1557	9.7124%	Chloride	--	mg/L	500	28.3	#VALUE!	723415.7282
5439000	6/1/1982	161	161	1.62	268.40	1557	9.7124%	Chloride	--	mg/L	500	28.3	#VALUE!	723415.7282
5439000	3/15/1985	161	161	1.62	268.40	1557	9.7124%	Chloride	--	mg/L	500	28.3	#VALUE!	723415.7282
5439000	9/2/1989	161	161	1.62	268.40	1557	9.7124%	Chloride	--	mg/L	500	28.3	#VALUE!	723415.7282
5439000	7/20/1990	161	161	1.62	268.40	1557	9.7124%	Chloride	--	mg/L	500	28.3	#VALUE!	723415.7282
5439000	4/10/1991	161	161	1.62	268.40	1557	9.7124%	Chloride	--	mg/L	500	28.3	#VALUE!	723415.7282
5439000	12/10/1991	161	161	1.62	268.40	1557	9.7124%	Chloride	--	mg/L	500	28.3	#VALUE!	723415.7282
5439000	1/2/1993	161	161	1.62	268.40	1557	9.7124%	Chloride	--	mg/L	500	28.3	#VALUE!	723415.7282
5439000	4/29/1993	161	161	1.62	268.40	1557	9.7124%	Chloride	--	mg/L	500	28.3	#VALUE!	723415.7282
5439000	6/29/1993	161	161	1.62	268.40	1557	9.7124%	Chloride	--	mg/L	500	28.3	#VALUE!	723415.7282
5439000	6/15/1998	161	161	1.62	268.40	1557	9.7124%	Chloride	--	mg/L	500	28.3	#VALUE!	723415.7282
5439000	5/13/2004	161	161	1.62	268.40	1557	9.7124%	Chloride	--	mg/L	500	28.3	#VALUE!	723415.7282
5439000	4/5/2009	161	161	1.62	268.40	1557	9.7124%	Chloride	--	mg/L	500	28.3	#VALUE!	723415.7282
5439000	4/19/2011	161	161	1.62	268.40	1557	9.7124%	Chloride	--	mg/L	500	28.3	#VALUE!	723415.7282
5439000	9/23/1926	160	160	1.62	266.78	1575	9.8247%	Chloride	--	mg/L	500	28.3	#VALUE!	719057.2051
5439000	10/9/1926	160	160	1.62	266.78	1575	9.8247%	Chloride	--	mg/L	500	28.3	#VALUE!	719057.2051
5439000	11/24/1926	160	160	1.62	266.78	1575	9.8247%	Chloride	--	mg/L	500	28.3	#VALUE!	719057.2051
5439000	12/1/1926	160	160	1.62	266.78	1575	9.8247%	Chloride	--	mg/L	500	28.3	#VALUE!	719057.2051
5439000	4/2/1927	160	160	1.62	266.78	1575	9.8247%	Chloride	--	mg/L	500	28.3	#VALUE!	719057.2051
5439000	4/25/1927	160	160	1.62	266.78	1575	9.8247%	Chloride	--	mg/L	500	28.3	#VALUE!	719057.2051
5439000	11/15/1992	160	160	1.62	266.78	1575	9.8247%	Chloride	--	mg/L	500	28.3	#VALUE!	719057.2051

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/11/1996	160	160	1.62	266.78	1575	9.8247%	Chloride	--	mg/L	500	28.3	#VALUE!	719057.2051
5439000	4/12/1998	160	160	1.62	266.78	1575	9.8247%	Chloride	--	mg/L	500	28.3	#VALUE!	719057.2051
5439000	1/30/1999	160	160	1.62	266.78	1575	9.8247%	Chloride	--	mg/L	500	28.3	#VALUE!	719057.2051
5439000	6/7/2004	160	160	1.62	266.78	1575	9.8247%	Chloride	--	mg/L	500	28.3	#VALUE!	719057.2051
5439000	4/30/2007	160	160	1.62	266.78	1575	9.8247%	Chloride	--	mg/L	500	28.3	#VALUE!	719057.2051
5439000	3/7/2008	160	160	1.62	266.78	1575	9.8247%	Chloride	--	mg/L	500	28.3	#VALUE!	719057.2051
5439000	3/2/2011	160	160	1.62	266.78	1575	9.8247%	Chloride	--	mg/L	500	28.3	#VALUE!	719057.2051
5439000	6/16/2011	160	160	1.62	266.78	1575	9.8247%	Chloride	--	mg/L	500	28.3	#VALUE!	719057.2051
5439000	6/26/2015	160	160	1.62	266.78	1575	9.8247%	Chloride	--	mg/L	500	28.3	#VALUE!	719057.2051
5439000	4/7/1982	159	159	1.62	265.17	1591	9.9245%	Chloride	--	mg/L	500	28.3	#VALUE!	714698.6819
5439000	2/17/1983	159	159	1.62	265.17	1591	9.9245%	Chloride	--	mg/L	500	28.3	#VALUE!	714698.6819
5439000	11/24/1983	159	159	1.62	265.17	1591	9.9245%	Chloride	--	mg/L	500	28.3	#VALUE!	714698.6819
5439000	12/30/1987	159	159	1.62	265.17	1591	9.9245%	Chloride	--	mg/L	500	28.3	#VALUE!	714698.6819
5439000	12/2/1990	159	159	1.62	265.17	1591	9.9245%	Chloride	--	mg/L	500	28.3	#VALUE!	714698.6819
5439000	3/21/1994	159	159	1.62	265.17	1591	9.9245%	Chloride	--	mg/L	500	28.3	#VALUE!	714698.6819
5439000	1/17/1995	159	159	1.62	265.17	1591	9.9245%	Chloride	--	mg/L	500	28.3	#VALUE!	714698.6819
5439000	12/10/2003	159	159	1.62	265.17	1591	9.9245%	Chloride	--	mg/L	500	28.3	#VALUE!	714698.6819
5439000	3/27/2004	159	159	1.62	265.17	1591	9.9245%	Chloride	--	mg/L	500	28.3	#VALUE!	714698.6819
5439000	2/14/2009	159	159	1.62	265.17	1591	9.9245%	Chloride	--	mg/L	500	28.3	#VALUE!	714698.6819
5439000	10/12/1927	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	1/19/1928	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	2/14/1928	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	7/23/1928	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	8/4/1928	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	3/17/1980	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	7/11/1983	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	1/3/1993	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	3/12/1994	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	6/23/1996	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	8/1/1996	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	7/8/1998	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/27/2000	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	5/29/2004	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	2/16/2005	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	12/24/2006	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	12/25/2007	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	6/3/2008	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	12/24/2008	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	3/18/2009	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	7/14/2014	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	3/16/2015	158	158	1.62	263.55	1601	9.9869%	Chloride	--	mg/L	500	28.3	#VALUE!	710340.1588
5439000	4/14/1980	157	157	1.62	261.93	1623	10.1241%	Chloride	--	mg/L	500	28.3	#VALUE!	705981.6356
5439000	8/15/1981	157	157	1.62	261.93	1623	10.1241%	Chloride	--	mg/L	500	28.3	#VALUE!	705981.6356
5439000	3/23/1982	157	157	1.62	261.93	1623	10.1241%	Chloride	--	mg/L	500	28.3	#VALUE!	705981.6356
5439000	7/31/1987	157	157	1.62	261.93	1623	10.1241%	Chloride	--	mg/L	500	28.3	#VALUE!	705981.6356
5439000	8/24/1987	157	157	1.62	261.93	1623	10.1241%	Chloride	--	mg/L	500	28.3	#VALUE!	705981.6356
5439000	12/2/1987	157	157	1.62	261.93	1623	10.1241%	Chloride	--	mg/L	500	28.3	#VALUE!	705981.6356
5439000	8/8/1989	157	157	1.62	261.93	1623	10.1241%	Chloride	--	mg/L	500	28.3	#VALUE!	705981.6356
5439000	11/30/1992	157	157	1.62	261.93	1623	10.1241%	Chloride	--	mg/L	500	28.3	#VALUE!	705981.6356
5439000	5/2/1993	157	157	1.62	261.93	1623	10.1241%	Chloride	--	mg/L	500	28.3	#VALUE!	705981.6356
5439000	4/27/1998	157	157	1.62	261.93	1623	10.1241%	Chloride	--	mg/L	500	28.3	#VALUE!	705981.6356
5439000	9/28/1999	157	157	1.62	261.93	1623	10.1241%	Chloride	--	mg/L	500	28.3	#VALUE!	705981.6356
5439000	3/11/2002	157	157	1.62	261.93	1623	10.1241%	Chloride	--	mg/L	500	28.3	#VALUE!	705981.6356
5439000	9/23/2008	157	157	1.62	261.93	1623	10.1241%	Chloride	--	mg/L	500	28.3	#VALUE!	705981.6356
5439000	5/14/2009	157	157	1.62	261.93	1623	10.1241%	Chloride	--	mg/L	500	28.3	#VALUE!	705981.6356
5439000	6/20/2010	157	157	1.62	261.93	1623	10.1241%	Chloride	--	mg/L	500	28.3	#VALUE!	705981.6356
5439000	3/26/1984	156	156	1.62	260.31	1638	10.2177%	Chloride	--	mg/L	500	28.3	#VALUE!	701623.1125
5439000	3/19/1986	156	156	1.62	260.31	1638	10.2177%	Chloride	--	mg/L	500	28.3	#VALUE!	701623.1125
5439000	5/6/1990	156	156	1.62	260.31	1638	10.2177%	Chloride	--	mg/L	500	28.3	#VALUE!	701623.1125
5439000	5/16/1990	156	156	1.62	260.31	1638	10.2177%	Chloride	--	mg/L	500	28.3	#VALUE!	701623.1125
5439000	6/29/1994	156	156	1.62	260.31	1638	10.2177%	Chloride	--	mg/L	500	28.3	#VALUE!	701623.1125
5439000	5/23/1996	156	156	1.62	260.31	1638	10.2177%	Chloride	--	mg/L	500	28.3	#VALUE!	701623.1125

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/5/1999	156	156	1.62	260.31	1638	10.2177%	Chloride	--	mg/L	500	28.3	#VALUE!	701623.1125
5439000	2/23/2000	156	156	1.62	260.31	1638	10.2177%	Chloride	--	mg/L	500	28.3	#VALUE!	701623.1125
5439000	3/23/2001	156	156	1.62	260.31	1638	10.2177%	Chloride	--	mg/L	500	28.3	#VALUE!	701623.1125
5439000	12/11/2003	156	156	1.62	260.31	1638	10.2177%	Chloride	--	mg/L	500	28.3	#VALUE!	701623.1125
5439000	3/28/2007	156	156	1.62	260.31	1638	10.2177%	Chloride	--	mg/L	500	28.3	#VALUE!	701623.1125
5439000	6/19/2009	156	156	1.62	260.31	1638	10.2177%	Chloride	--	mg/L	500	28.3	#VALUE!	701623.1125
5439000	4/15/1980	155	155	1.62	258.70	1650	10.2926%	Chloride	--	mg/L	500	28.3	#VALUE!	697264.5893
5439000	4/25/1981	155	155	1.62	258.70	1650	10.2926%	Chloride	--	mg/L	500	28.3	#VALUE!	697264.5893
5439000	11/30/1982	155	155	1.62	258.70	1650	10.2926%	Chloride	--	mg/L	500	28.3	#VALUE!	697264.5893
5439000	12/1/1982	155	155	1.62	258.70	1650	10.2926%	Chloride	--	mg/L	500	28.3	#VALUE!	697264.5893
5439000	12/30/1982	155	155	1.62	258.70	1650	10.2926%	Chloride	--	mg/L	500	28.3	#VALUE!	697264.5893
5439000	2/24/1983	155	155	1.62	258.70	1650	10.2926%	Chloride	--	mg/L	500	28.3	#VALUE!	697264.5893
5439000	2/23/1984	155	155	1.62	258.70	1650	10.2926%	Chloride	--	mg/L	500	28.3	#VALUE!	697264.5893
5439000	3/23/1984	155	155	1.62	258.70	1650	10.2926%	Chloride	--	mg/L	500	28.3	#VALUE!	697264.5893
5439000	4/12/1988	155	155	1.62	258.70	1650	10.2926%	Chloride	--	mg/L	500	28.3	#VALUE!	697264.5893
5439000	3/11/1993	155	155	1.62	258.70	1650	10.2926%	Chloride	--	mg/L	500	28.3	#VALUE!	697264.5893
5439000	4/14/1993	155	155	1.62	258.70	1650	10.2926%	Chloride	--	mg/L	500	28.3	#VALUE!	697264.5893
5439000	6/24/1993	155	155	1.62	258.70	1650	10.2926%	Chloride	--	mg/L	500	28.3	#VALUE!	697264.5893
5439000	5/20/1996	155	155	1.62	258.70	1650	10.2926%	Chloride	--	mg/L	500	28.3	#VALUE!	697264.5893
5439000	7/27/1996	155	155	1.62	258.70	1650	10.2926%	Chloride	--	mg/L	500	28.3	#VALUE!	697264.5893
5439000	4/26/1998	155	155	1.62	258.70	1650	10.2926%	Chloride	--	mg/L	500	28.3	#VALUE!	697264.5893
5439000	5/8/1999	155	155	1.62	258.70	1650	10.2926%	Chloride	--	mg/L	500	28.3	#VALUE!	697264.5893
5439000	5/20/2003	155	155	1.62	258.70	1650	10.2926%	Chloride	--	mg/L	500	28.3	#VALUE!	697264.5893
5439000	9/4/2007	155	155	1.62	258.70	1650	10.2926%	Chloride	--	mg/L	500	28.3	#VALUE!	697264.5893
5439000	4/2/1932	154	154	1.62	257.08	1668	10.4048%	Chloride	--	mg/L	500	28.3	#VALUE!	692906.0662
5439000	2/24/1933	154	154	1.62	257.08	1668	10.4048%	Chloride	--	mg/L	500	28.3	#VALUE!	692906.0662
5439000	4/6/1933	154	154	1.62	257.08	1668	10.4048%	Chloride	--	mg/L	500	28.3	#VALUE!	692906.0662
5439000	4/7/1933	154	154	1.62	257.08	1668	10.4048%	Chloride	--	mg/L	500	28.3	#VALUE!	692906.0662
5439000	4/11/1980	154	154	1.62	257.08	1668	10.4048%	Chloride	--	mg/L	500	28.3	#VALUE!	692906.0662
5439000	5/3/1981	154	154	1.62	257.08	1668	10.4048%	Chloride	--	mg/L	500	28.3	#VALUE!	692906.0662
5439000	2/23/1982	154	154	1.62	257.08	1668	10.4048%	Chloride	--	mg/L	500	28.3	#VALUE!	692906.0662

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/1/1994	154	154	1.62	257.08	1668	10.4048%	Chloride	--	mg/L	500	28.3	#VALUE!	692906.0662
5439000	4/15/1995	154	154	1.62	257.08	1668	10.4048%	Chloride	--	mg/L	500	28.3	#VALUE!	692906.0662
5439000	5/18/1999	154	154	1.62	257.08	1668	10.4048%	Chloride	--	mg/L	500	28.3	#VALUE!	692906.0662
5439000	6/2/2001	154	154	1.62	257.08	1668	10.4048%	Chloride	--	mg/L	500	28.3	#VALUE!	692906.0662
5439000	5/16/2003	154	154	1.62	257.08	1668	10.4048%	Chloride	--	mg/L	500	28.3	#VALUE!	692906.0662
5439000	4/30/2011	154	154	1.62	257.08	1668	10.4048%	Chloride	--	mg/L	500	28.3	#VALUE!	692906.0662
5439000	11/29/1982	153	153	1.62	255.46	1681	10.4859%	Chloride	--	mg/L	500	28.3	#VALUE!	688547.543
5439000	3/15/1986	153	153	1.62	255.46	1681	10.4859%	Chloride	--	mg/L	500	28.3	#VALUE!	688547.543
5439000	3/20/1990	153	153	1.62	255.46	1681	10.4859%	Chloride	--	mg/L	500	28.3	#VALUE!	688547.543
5439000	5/4/1990	153	153	1.62	255.46	1681	10.4859%	Chloride	--	mg/L	500	28.3	#VALUE!	688547.543
5439000	3/24/1991	153	153	1.62	255.46	1681	10.4859%	Chloride	--	mg/L	500	28.3	#VALUE!	688547.543
5439000	4/9/1991	153	153	1.62	255.46	1681	10.4859%	Chloride	--	mg/L	500	28.3	#VALUE!	688547.543
5439000	4/19/1991	153	153	1.62	255.46	1681	10.4859%	Chloride	--	mg/L	500	28.3	#VALUE!	688547.543
5439000	12/20/1992	153	153	1.62	255.46	1681	10.4859%	Chloride	--	mg/L	500	28.3	#VALUE!	688547.543
5439000	4/4/1998	153	153	1.62	255.46	1681	10.4859%	Chloride	--	mg/L	500	28.3	#VALUE!	688547.543
5439000	5/1/1999	153	153	1.62	255.46	1681	10.4859%	Chloride	--	mg/L	500	28.3	#VALUE!	688547.543
5439000	6/12/2002	153	153	1.62	255.46	1681	10.4859%	Chloride	--	mg/L	500	28.3	#VALUE!	688547.543
5439000	7/23/2007	153	153	1.62	255.46	1681	10.4859%	Chloride	--	mg/L	500	28.3	#VALUE!	688547.543
5439000	5/27/2008	153	153	1.62	255.46	1681	10.4859%	Chloride	--	mg/L	500	28.3	#VALUE!	688547.543
5439000	8/27/2009	153	153	1.62	255.46	1681	10.4859%	Chloride	--	mg/L	500	28.3	#VALUE!	688547.543
5439000	3/8/2011	153	153	1.62	255.46	1681	10.4859%	Chloride	--	mg/L	500	28.3	#VALUE!	688547.543
5439000	6/11/2014	153	153	1.62	255.46	1681	10.4859%	Chloride	--	mg/L	500	28.3	#VALUE!	688547.543
5439000	3/27/1929	152	152	1.62	253.85	1697	10.5857%	Chloride	--	mg/L	500	28.3	#VALUE!	684189.0199
5439000	4/6/1929	152	152	1.62	253.85	1697	10.5857%	Chloride	--	mg/L	500	28.3	#VALUE!	684189.0199
5439000	4/11/1929	152	152	1.62	253.85	1697	10.5857%	Chloride	--	mg/L	500	28.3	#VALUE!	684189.0199
5439000	8/22/1990	152	152	1.62	253.85	1697	10.5857%	Chloride	--	mg/L	500	28.3	#VALUE!	684189.0199
5439000	3/31/1991	152	152	1.62	253.85	1697	10.5857%	Chloride	--	mg/L	500	28.3	#VALUE!	684189.0199
5439000	9/25/1993	152	152	1.62	253.85	1697	10.5857%	Chloride	--	mg/L	500	28.3	#VALUE!	684189.0199
5439000	2/26/1994	152	152	1.62	253.85	1697	10.5857%	Chloride	--	mg/L	500	28.3	#VALUE!	684189.0199
5439000	4/18/1995	152	152	1.62	253.85	1697	10.5857%	Chloride	--	mg/L	500	28.3	#VALUE!	684189.0199
5439000	4/30/1995	152	152	1.62	253.85	1697	10.5857%	Chloride	--	mg/L	500	28.3	#VALUE!	684189.0199

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/11/2004	152	152	1.62	253.85	1697	10.5857%	Chloride	--	mg/L	500	28.3	#VALUE!	684189.0199
5439000	6/15/2004	152	152	1.62	253.85	1697	10.5857%	Chloride	--	mg/L	500	28.3	#VALUE!	684189.0199
5439000	4/1/2007	152	152	1.62	253.85	1697	10.5857%	Chloride	--	mg/L	500	28.3	#VALUE!	684189.0199
5439000	6/25/2014	152	152	1.62	253.85	1697	10.5857%	Chloride	--	mg/L	500	28.3	#VALUE!	684189.0199
5439000	6/19/1926	151	151	1.62	252.23	1710	10.6668%	Chloride	--	mg/L	500	28.3	#VALUE!	679830.4967
5439000	9/15/1926	151	151	1.62	252.23	1710	10.6668%	Chloride	--	mg/L	500	28.3	#VALUE!	679830.4967
5439000	9/29/1926	151	151	1.62	252.23	1710	10.6668%	Chloride	--	mg/L	500	28.3	#VALUE!	679830.4967
5439000	11/25/1926	151	151	1.62	252.23	1710	10.6668%	Chloride	--	mg/L	500	28.3	#VALUE!	679830.4967
5439000	3/16/1927	151	151	1.62	252.23	1710	10.6668%	Chloride	--	mg/L	500	28.3	#VALUE!	679830.4967
5439000	6/1/1927	151	151	1.62	252.23	1710	10.6668%	Chloride	--	mg/L	500	28.3	#VALUE!	679830.4967
5439000	12/13/1987	151	151	1.62	252.23	1710	10.6668%	Chloride	--	mg/L	500	28.3	#VALUE!	679830.4967
5439000	5/19/1991	151	151	1.62	252.23	1710	10.6668%	Chloride	--	mg/L	500	28.3	#VALUE!	679830.4967
5439000	4/19/1995	151	151	1.62	252.23	1710	10.6668%	Chloride	--	mg/L	500	28.3	#VALUE!	679830.4967
5439000	2/14/1998	151	151	1.62	252.23	1710	10.6668%	Chloride	--	mg/L	500	28.3	#VALUE!	679830.4967
5439000	3/8/1998	151	151	1.62	252.23	1710	10.6668%	Chloride	--	mg/L	500	28.3	#VALUE!	679830.4967
5439000	5/14/1998	151	151	1.62	252.23	1710	10.6668%	Chloride	--	mg/L	500	28.3	#VALUE!	679830.4967
5439000	6/3/2000	151	151	1.62	252.23	1710	10.6668%	Chloride	--	mg/L	500	28.3	#VALUE!	679830.4967
5439000	6/19/2000	151	151	1.62	252.23	1710	10.6668%	Chloride	--	mg/L	500	28.3	#VALUE!	679830.4967
5439000	2/20/2002	151	151	1.62	252.23	1710	10.6668%	Chloride	--	mg/L	500	28.3	#VALUE!	679830.4967
5439000	5/25/2011	151	151	1.62	252.23	1710	10.6668%	Chloride	--	mg/L	500	28.3	#VALUE!	679830.4967
5439000	6/5/2011	151	151	1.62	252.23	1710	10.6668%	Chloride	--	mg/L	500	28.3	#VALUE!	679830.4967
5439000	4/18/1980	150	150	1.62	250.61	1727	10.7729%	Chloride	--	mg/L	500	28.3	#VALUE!	675471.9736
5439000	1/19/1986	150	150	1.62	250.61	1727	10.7729%	Chloride	--	mg/L	500	28.3	#VALUE!	675471.9736
5439000	2/3/1988	150	150	1.62	250.61	1727	10.7729%	Chloride	--	mg/L	500	28.3	#VALUE!	675471.9736
5439000	3/29/1988	150	150	1.62	250.61	1727	10.7729%	Chloride	--	mg/L	500	28.3	#VALUE!	675471.9736
5439000	12/29/1990	150	150	1.62	250.61	1727	10.7729%	Chloride	--	mg/L	500	28.3	#VALUE!	675471.9736
5439000	10/2/1993	150	150	1.62	250.61	1727	10.7729%	Chloride	--	mg/L	500	28.3	#VALUE!	675471.9736
5439000	2/20/1997	150	150	1.62	250.61	1727	10.7729%	Chloride	--	mg/L	500	28.3	#VALUE!	675471.9736
5439000	3/6/1997	150	150	1.62	250.61	1727	10.7729%	Chloride	--	mg/L	500	28.3	#VALUE!	675471.9736
5439000	4/1/2004	150	150	1.62	250.61	1727	10.7729%	Chloride	--	mg/L	500	28.3	#VALUE!	675471.9736
5439000	1/14/2005	150	150	1.62	250.61	1727	10.7729%	Chloride	--	mg/L	500	28.3	#VALUE!	675471.9736

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/26/2008	150	150	1.62	250.61	1727	10.7729%	Chloride	--	mg/L	500	28.3	#VALUE!	675471.9736
5439000	4/27/2015	150	150	1.62	250.61	1727	10.7729%	Chloride	--	mg/L	500	28.3	#VALUE!	675471.9736
5439000	4/14/1982	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	3/22/1983	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	4/18/1983	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	5/31/1983	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	3/16/1985	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	11/26/1985	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	12/31/1987	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	9/10/1989	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	1/21/1993	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	5/8/1993	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	5/16/1995	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	3/22/1998	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	4/15/1998	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	4/12/2001	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	3/28/2004	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	3/17/2007	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	5/9/2009	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	5/19/2009	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	10/28/2009	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	4/9/2010	149	149	1.62	249.00	1739	10.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	671113.4504
5439000	11/30/1927	148	148	1.62	247.38	1759	10.9725%	Chloride	--	mg/L	500	28.3	#VALUE!	666754.9273
5439000	4/12/1928	148	148	1.62	247.38	1759	10.9725%	Chloride	--	mg/L	500	28.3	#VALUE!	666754.9273
5439000	4/17/1928	148	148	1.62	247.38	1759	10.9725%	Chloride	--	mg/L	500	28.3	#VALUE!	666754.9273
5439000	3/22/1990	148	148	1.62	247.38	1759	10.9725%	Chloride	--	mg/L	500	28.3	#VALUE!	666754.9273
5439000	6/4/1991	148	148	1.62	247.38	1759	10.9725%	Chloride	--	mg/L	500	28.3	#VALUE!	666754.9273
5439000	1/8/1993	148	148	1.62	247.38	1759	10.9725%	Chloride	--	mg/L	500	28.3	#VALUE!	666754.9273
5439000	9/17/1993	148	148	1.62	247.38	1759	10.9725%	Chloride	--	mg/L	500	28.3	#VALUE!	666754.9273
5439000	6/27/2000	148	148	1.62	247.38	1759	10.9725%	Chloride	--	mg/L	500	28.3	#VALUE!	666754.9273
5439000	4/12/2002	148	148	1.62	247.38	1759	10.9725%	Chloride	--	mg/L	500	28.3	#VALUE!	666754.9273

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/6/2009	148	148	1.62	247.38	1759	10.9725%	Chloride	--	mg/L	500	28.3	#VALUE!	666754.9273
5439000	5/6/2009	148	148	1.62	247.38	1759	10.9725%	Chloride	--	mg/L	500	28.3	#VALUE!	666754.9273
5439000	5/29/2009	148	148	1.62	247.38	1759	10.9725%	Chloride	--	mg/L	500	28.3	#VALUE!	666754.9273
5439000	3/7/2010	148	148	1.62	247.38	1759	10.9725%	Chloride	--	mg/L	500	28.3	#VALUE!	666754.9273
5439000	5/19/2011	148	148	1.62	247.38	1759	10.9725%	Chloride	--	mg/L	500	28.3	#VALUE!	666754.9273
5439000	4/10/1982	147	147	1.62	245.76	1773	11.0598%	Chloride	--	mg/L	500	28.3	#VALUE!	662396.4041
5439000	5/4/1983	147	147	1.62	245.76	1773	11.0598%	Chloride	--	mg/L	500	28.3	#VALUE!	662396.4041
5439000	2/12/1984	147	147	1.62	245.76	1773	11.0598%	Chloride	--	mg/L	500	28.3	#VALUE!	662396.4041
5439000	3/27/1984	147	147	1.62	245.76	1773	11.0598%	Chloride	--	mg/L	500	28.3	#VALUE!	662396.4041
5439000	11/6/1985	147	147	1.62	245.76	1773	11.0598%	Chloride	--	mg/L	500	28.3	#VALUE!	662396.4041
5439000	8/25/1987	147	147	1.62	245.76	1773	11.0598%	Chloride	--	mg/L	500	28.3	#VALUE!	662396.4041
5439000	9/4/1987	147	147	1.62	245.76	1773	11.0598%	Chloride	--	mg/L	500	28.3	#VALUE!	662396.4041
5439000	3/3/1990	147	147	1.62	245.76	1773	11.0598%	Chloride	--	mg/L	500	28.3	#VALUE!	662396.4041
5439000	2/25/1992	147	147	1.62	245.76	1773	11.0598%	Chloride	--	mg/L	500	28.3	#VALUE!	662396.4041
5439000	5/1/1993	147	147	1.62	245.76	1773	11.0598%	Chloride	--	mg/L	500	28.3	#VALUE!	662396.4041
5439000	8/31/1993	147	147	1.62	245.76	1773	11.0598%	Chloride	--	mg/L	500	28.3	#VALUE!	662396.4041
5439000	10/24/2001	147	147	1.62	245.76	1773	11.0598%	Chloride	--	mg/L	500	28.3	#VALUE!	662396.4041
5439000	5/21/2002	147	147	1.62	245.76	1773	11.0598%	Chloride	--	mg/L	500	28.3	#VALUE!	662396.4041
5439000	6/16/2009	147	147	1.62	245.76	1773	11.0598%	Chloride	--	mg/L	500	28.3	#VALUE!	662396.4041
5439000	3/22/2010	147	147	1.62	245.76	1773	11.0598%	Chloride	--	mg/L	500	28.3	#VALUE!	662396.4041
5439000	4/8/1982	146	146	1.62	244.14	1788	11.1534%	Chloride	--	mg/L	500	28.3	#VALUE!	658037.881
5439000	12/14/1982	146	146	1.62	244.14	1788	11.1534%	Chloride	--	mg/L	500	28.3	#VALUE!	658037.881
5439000	6/1/1984	146	146	1.62	244.14	1788	11.1534%	Chloride	--	mg/L	500	28.3	#VALUE!	658037.881
5439000	12/6/1985	146	146	1.62	244.14	1788	11.1534%	Chloride	--	mg/L	500	28.3	#VALUE!	658037.881
5439000	10/5/1986	146	146	1.62	244.14	1788	11.1534%	Chloride	--	mg/L	500	28.3	#VALUE!	658037.881
5439000	11/2/1992	146	146	1.62	244.14	1788	11.1534%	Chloride	--	mg/L	500	28.3	#VALUE!	658037.881
5439000	3/14/1994	146	146	1.62	244.14	1788	11.1534%	Chloride	--	mg/L	500	28.3	#VALUE!	658037.881
5439000	6/13/1996	146	146	1.62	244.14	1788	11.1534%	Chloride	--	mg/L	500	28.3	#VALUE!	658037.881
5439000	4/13/1998	146	146	1.62	244.14	1788	11.1534%	Chloride	--	mg/L	500	28.3	#VALUE!	658037.881
5439000	5/11/2002	146	146	1.62	244.14	1788	11.1534%	Chloride	--	mg/L	500	28.3	#VALUE!	658037.881
5439000	12/23/2008	146	146	1.62	244.14	1788	11.1534%	Chloride	--	mg/L	500	28.3	#VALUE!	658037.881

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/25/2009	146	146	1.62	244.14	1788	11.1534%	Chloride	--	mg/L	500	28.3	#VALUE!	658037.881
5439000	3/18/2013	146	146	1.62	244.14	1788	11.1534%	Chloride	--	mg/L	500	28.3	#VALUE!	658037.881
5439000	3/2/1930	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	3/29/1930	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	11/26/1931	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	12/13/1931	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	2/13/1932	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	5/4/1933	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	5/15/1933	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	7/1/1933	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	11/30/1983	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	3/21/1990	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	7/1/1990	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	4/26/1993	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	5/19/1997	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	12/8/1998	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	4/19/1999	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	12/21/2006	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	4/13/2007	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	1/13/2008	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	3/19/2010	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	5/28/2015	145	145	1.62	242.53	1801	11.2345%	Chloride	--	mg/L	500	28.3	#VALUE!	653679.3578
5439000	4/30/1929	144	144	1.62	240.91	1821	11.3592%	Chloride	--	mg/L	500	28.3	#VALUE!	649320.8346
5439000	9/26/1980	144	144	1.62	240.91	1821	11.3592%	Chloride	--	mg/L	500	28.3	#VALUE!	649320.8346
5439000	12/9/1980	144	144	1.62	240.91	1821	11.3592%	Chloride	--	mg/L	500	28.3	#VALUE!	649320.8346
5439000	12/3/1987	144	144	1.62	240.91	1821	11.3592%	Chloride	--	mg/L	500	28.3	#VALUE!	649320.8346
5439000	6/11/1999	144	144	1.62	240.91	1821	11.3592%	Chloride	--	mg/L	500	28.3	#VALUE!	649320.8346
5439000	7/12/2000	144	144	1.62	240.91	1821	11.3592%	Chloride	--	mg/L	500	28.3	#VALUE!	649320.8346
5439000	3/2/2001	144	144	1.62	240.91	1821	11.3592%	Chloride	--	mg/L	500	28.3	#VALUE!	649320.8346
5439000	7/12/2007	144	144	1.62	240.91	1821	11.3592%	Chloride	--	mg/L	500	28.3	#VALUE!	649320.8346
5439000	4/4/2008	144	144	1.62	240.91	1821	11.3592%	Chloride	--	mg/L	500	28.3	#VALUE!	649320.8346

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/4/2009	144	144	1.62	240.91	1821	11.3592%	Chloride	--	mg/L	500	28.3	#VALUE!	649320.8346
5439000	5/5/2009	144	144	1.62	240.91	1821	11.3592%	Chloride	--	mg/L	500	28.3	#VALUE!	649320.8346
5439000	11/12/2011	144	144	1.62	240.91	1821	11.3592%	Chloride	--	mg/L	500	28.3	#VALUE!	649320.8346
5439000	4/29/2013	144	144	1.62	240.91	1821	11.3592%	Chloride	--	mg/L	500	28.3	#VALUE!	649320.8346
5439000	12/20/1928	143	143	1.62	239.29	1834	11.4403%	Chloride	--	mg/L	500	28.3	#VALUE!	644962.3115
5439000	2/27/1929	143	143	1.62	239.29	1834	11.4403%	Chloride	--	mg/L	500	28.3	#VALUE!	644962.3115
5439000	10/19/1981	143	143	1.62	239.29	1834	11.4403%	Chloride	--	mg/L	500	28.3	#VALUE!	644962.3115
5439000	3/24/1982	143	143	1.62	239.29	1834	11.4403%	Chloride	--	mg/L	500	28.3	#VALUE!	644962.3115
5439000	4/20/1982	143	143	1.62	239.29	1834	11.4403%	Chloride	--	mg/L	500	28.3	#VALUE!	644962.3115
5439000	5/21/1990	143	143	1.62	239.29	1834	11.4403%	Chloride	--	mg/L	500	28.3	#VALUE!	644962.3115
5439000	3/9/1992	143	143	1.62	239.29	1834	11.4403%	Chloride	--	mg/L	500	28.3	#VALUE!	644962.3115
5439000	2/1/1993	143	143	1.62	239.29	1834	11.4403%	Chloride	--	mg/L	500	28.3	#VALUE!	644962.3115
5439000	5/22/1996	143	143	1.62	239.29	1834	11.4403%	Chloride	--	mg/L	500	28.3	#VALUE!	644962.3115
5439000	2/5/1999	143	143	1.62	239.29	1834	11.4403%	Chloride	43.50	mg/L	500	28.3	56111.7211	644962.3115
5439000	3/26/2004	143	143	1.62	239.29	1834	11.4403%	Chloride	--	mg/L	500	28.3	#VALUE!	644962.3115
5439000	12/11/2008	143	143	1.62	239.29	1834	11.4403%	Chloride	--	mg/L	500	28.3	#VALUE!	644962.3115
5439000	4/14/1926	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	6/16/1926	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	8/21/1926	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	9/30/1926	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	3/26/1927	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	4/3/1927	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	4/4/1927	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	4/26/1927	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	6/6/1927	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	2/23/1930	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	9/7/1980	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	5/19/1987	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	12/4/1990	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	12/18/1990	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	7/24/1993	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/14/1994	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	6/18/1999	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	5/10/2000	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	6/20/2000	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	1/31/2001	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	3/19/2009	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	6/12/2009	142	142	1.62	237.68	1846	11.5152%	Chloride	--	mg/L	500	28.3	#VALUE!	640603.7883
5439000	5/31/1981	141	141	1.62	236.06	1868	11.6524%	Chloride	--	mg/L	500	28.3	#VALUE!	636245.2652
5439000	4/25/1984	141	141	1.62	236.06	1868	11.6524%	Chloride	--	mg/L	500	28.3	#VALUE!	636245.2652
5439000	10/24/1985	141	141	1.62	236.06	1868	11.6524%	Chloride	--	mg/L	500	28.3	#VALUE!	636245.2652
5439000	10/26/1986	141	141	1.62	236.06	1868	11.6524%	Chloride	--	mg/L	500	28.3	#VALUE!	636245.2652
5439000	11/28/1994	141	141	1.62	236.06	1868	11.6524%	Chloride	--	mg/L	500	28.3	#VALUE!	636245.2652
5439000	6/27/1996	141	141	1.62	236.06	1868	11.6524%	Chloride	--	mg/L	500	28.3	#VALUE!	636245.2652
5439000	4/28/1998	141	141	1.62	236.06	1868	11.6524%	Chloride	--	mg/L	500	28.3	#VALUE!	636245.2652
5439000	3/3/2001	141	141	1.62	236.06	1868	11.6524%	Chloride	--	mg/L	500	28.3	#VALUE!	636245.2652
5439000	6/8/2004	141	141	1.62	236.06	1868	11.6524%	Chloride	55.60	mg/L	500	28.3	70750.47349	636245.2652
5439000	4/2/2007	141	141	1.62	236.06	1868	11.6524%	Chloride	--	mg/L	500	28.3	#VALUE!	636245.2652
5439000	3/7/2009	141	141	1.62	236.06	1868	11.6524%	Chloride	--	mg/L	500	28.3	#VALUE!	636245.2652
5439000	5/14/2015	141	141	1.62	236.06	1868	11.6524%	Chloride	--	mg/L	500	28.3	#VALUE!	636245.2652
5439000	6/4/1980	140	140	1.62	234.44	1880	11.7273%	Chloride	--	mg/L	500	28.3	#VALUE!	631886.742
5439000	6/30/1983	140	140	1.62	234.44	1880	11.7273%	Chloride	--	mg/L	500	28.3	#VALUE!	631886.742
5439000	3/28/1984	140	140	1.62	234.44	1880	11.7273%	Chloride	--	mg/L	500	28.3	#VALUE!	631886.742
5439000	7/28/1993	140	140	1.62	234.44	1880	11.7273%	Chloride	--	mg/L	500	28.3	#VALUE!	631886.742
5439000	3/9/1994	140	140	1.62	234.44	1880	11.7273%	Chloride	--	mg/L	500	28.3	#VALUE!	631886.742
5439000	3/24/1994	140	140	1.62	234.44	1880	11.7273%	Chloride	--	mg/L	500	28.3	#VALUE!	631886.742
5439000	3/4/2001	140	140	1.62	234.44	1880	11.7273%	Chloride	--	mg/L	500	28.3	#VALUE!	631886.742
5439000	6/3/2007	140	140	1.62	234.44	1880	11.7273%	Chloride	--	mg/L	500	28.3	#VALUE!	631886.742
5439000	6/22/2009	140	140	1.62	234.44	1880	11.7273%	Chloride	--	mg/L	500	28.3	#VALUE!	631886.742
5439000	3/23/2014	140	140	1.62	234.44	1880	11.7273%	Chloride	--	mg/L	500	28.3	#VALUE!	631886.742
5439000	6/21/1981	139	139	1.62	232.82	1890	11.7897%	Chloride	--	mg/L	500	28.3	#VALUE!	627528.2189
5439000	7/5/1982	139	139	1.62	232.82	1890	11.7897%	Chloride	--	mg/L	500	28.3	#VALUE!	627528.2189

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/12/1991	139	139	1.62	232.82	1890	11.7897%	Chloride	--	mg/L	500	28.3	#VALUE!	627528.2189
5439000	2/19/1992	139	139	1.62	232.82	1890	11.7897%	Chloride	--	mg/L	500	28.3	#VALUE!	627528.2189
5439000	3/19/1999	139	139	1.62	232.82	1890	11.7897%	Chloride	--	mg/L	500	28.3	#VALUE!	627528.2189
5439000	2/17/2001	139	139	1.62	232.82	1890	11.7897%	Chloride	--	mg/L	500	28.3	#VALUE!	627528.2189
5439000	9/5/2007	139	139	1.62	232.82	1890	11.7897%	Chloride	--	mg/L	500	28.3	#VALUE!	627528.2189
5439000	5/31/2008	139	139	1.62	232.82	1890	11.7897%	Chloride	--	mg/L	500	28.3	#VALUE!	627528.2189
5439000	6/26/2010	139	139	1.62	232.82	1890	11.7897%	Chloride	--	mg/L	500	28.3	#VALUE!	627528.2189
5439000	1/3/2011	139	139	1.62	232.82	1890	11.7897%	Chloride	--	mg/L	500	28.3	#VALUE!	627528.2189
5439000	3/4/2011	139	139	1.62	232.82	1890	11.7897%	Chloride	--	mg/L	500	28.3	#VALUE!	627528.2189
5439000	7/7/2014	139	139	1.62	232.82	1890	11.7897%	Chloride	--	mg/L	500	28.3	#VALUE!	627528.2189
5439000	5/26/2015	139	139	1.62	232.82	1890	11.7897%	Chloride	--	mg/L	500	28.3	#VALUE!	627528.2189
5439000	3/31/1982	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	4/9/1982	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	2/24/1984	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	11/2/1984	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	10/3/1986	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	8/4/1990	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	4/17/1992	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	5/8/1995	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	1/9/1998	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	5/15/1998	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	10/20/1998	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	2/1/2001	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	3/8/2004	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	12/16/2006	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	3/29/2007	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	4/3/2007	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	3/16/2008	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	5/15/2008	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	4/19/2009	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	11/5/2009	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/19/2011	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	5/16/2015	138	138	1.62	231.21	1903	11.8708%	Chloride	--	mg/L	500	28.3	#VALUE!	623169.6957
5439000	2/24/1981	137	137	1.62	229.59	1925	12.0080%	Chloride	--	mg/L	500	28.3	#VALUE!	618811.1726
5439000	4/13/1981	137	137	1.62	229.59	1925	12.0080%	Chloride	--	mg/L	500	28.3	#VALUE!	618811.1726
5439000	12/31/1982	137	137	1.62	229.59	1925	12.0080%	Chloride	--	mg/L	500	28.3	#VALUE!	618811.1726
5439000	5/25/1986	137	137	1.62	229.59	1925	12.0080%	Chloride	--	mg/L	500	28.3	#VALUE!	618811.1726
5439000	5/27/1987	137	137	1.62	229.59	1925	12.0080%	Chloride	--	mg/L	500	28.3	#VALUE!	618811.1726
5439000	4/13/1988	137	137	1.62	229.59	1925	12.0080%	Chloride	--	mg/L	500	28.3	#VALUE!	618811.1726
5439000	9/10/1992	137	137	1.62	229.59	1925	12.0080%	Chloride	--	mg/L	500	28.3	#VALUE!	618811.1726
5439000	12/1/1992	137	137	1.62	229.59	1925	12.0080%	Chloride	--	mg/L	500	28.3	#VALUE!	618811.1726
5439000	5/1/2007	137	137	1.62	229.59	1925	12.0080%	Chloride	--	mg/L	500	28.3	#VALUE!	618811.1726
5439000	9/24/2008	137	137	1.62	229.59	1925	12.0080%	Chloride	--	mg/L	500	28.3	#VALUE!	618811.1726
5439000	1/1/2010	137	137	1.62	229.59	1925	12.0080%	Chloride	--	mg/L	500	28.3	#VALUE!	618811.1726
5439000	1/28/2010	137	137	1.62	229.59	1925	12.0080%	Chloride	--	mg/L	500	28.3	#VALUE!	618811.1726
5439000	4/12/1929	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	5/1/1929	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	3/3/1930	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	4/16/1930	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	4/24/1930	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	11/22/1931	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	1/1/1932	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	1/2/1932	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	1/6/1932	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	3/7/1932	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	12/26/1979	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	4/1/1985	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	5/31/1989	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	6/5/1989	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	11/13/1994	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	6/7/1995	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	11/10/1995	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/12/1996	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	5/22/2002	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	7/18/2007	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	5/1/2011	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	6/27/2015	136	136	1.62	227.97	1937	12.0828%	Chloride	--	mg/L	500	28.3	#VALUE!	614452.6494
5439000	10/19/1980	135	135	1.62	226.36	1959	12.2201%	Chloride	--	mg/L	500	28.3	#VALUE!	610094.1263
5439000	4/19/1983	135	135	1.62	226.36	1959	12.2201%	Chloride	--	mg/L	500	28.3	#VALUE!	610094.1263
5439000	7/12/1983	135	135	1.62	226.36	1959	12.2201%	Chloride	--	mg/L	500	28.3	#VALUE!	610094.1263
5439000	5/27/1986	135	135	1.62	226.36	1959	12.2201%	Chloride	--	mg/L	500	28.3	#VALUE!	610094.1263
5439000	11/16/1992	135	135	1.62	226.36	1959	12.2201%	Chloride	--	mg/L	500	28.3	#VALUE!	610094.1263
5439000	7/3/1993	135	135	1.62	226.36	1959	12.2201%	Chloride	--	mg/L	500	28.3	#VALUE!	610094.1263
5439000	4/21/1999	135	135	1.62	226.36	1959	12.2201%	Chloride	--	mg/L	500	28.3	#VALUE!	610094.1263
5439000	2/18/2001	135	135	1.62	226.36	1959	12.2201%	Chloride	--	mg/L	500	28.3	#VALUE!	610094.1263
5439000	3/24/2001	135	135	1.62	226.36	1959	12.2201%	Chloride	--	mg/L	500	28.3	#VALUE!	610094.1263
5439000	6/13/2002	135	135	1.62	226.36	1959	12.2201%	Chloride	--	mg/L	500	28.3	#VALUE!	610094.1263
5439000	3/18/2007	135	135	1.62	226.36	1959	12.2201%	Chloride	--	mg/L	500	28.3	#VALUE!	610094.1263
5439000	12/25/2008	135	135	1.62	226.36	1959	12.2201%	Chloride	--	mg/L	500	28.3	#VALUE!	610094.1263
5439000	4/7/2009	135	135	1.62	226.36	1959	12.2201%	Chloride	--	mg/L	500	28.3	#VALUE!	610094.1263
5439000	6/20/2009	135	135	1.62	226.36	1959	12.2201%	Chloride	--	mg/L	500	28.3	#VALUE!	610094.1263
5439000	11/26/2009	135	135	1.62	226.36	1959	12.2201%	Chloride	--	mg/L	500	28.3	#VALUE!	610094.1263
5439000	11/27/2009	135	135	1.62	226.36	1959	12.2201%	Chloride	--	mg/L	500	28.3	#VALUE!	610094.1263
5439000	3/2/2012	135	135	1.62	226.36	1959	12.2201%	Chloride	--	mg/L	500	28.3	#VALUE!	610094.1263
5439000	11/26/1928	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	3/21/1984	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	1/1/1988	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	7/20/1989	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	2/9/1990	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	7/21/1990	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	4/11/1991	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	5/6/1991	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	12/2/1991	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/9/1993	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	6/25/1993	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	12/28/1994	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	8/2/1996	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	5/2/1999	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	3/12/2002	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	4/12/2007	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	5/19/2010	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	2/23/2011	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	7/4/2013	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	5/18/2015	134	134	1.62	224.74	1976	12.3261%	Chloride	--	mg/L	500	28.3	#VALUE!	605735.6031
5439000	10/10/1926	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	12/2/1926	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	3/17/1927	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	3/21/1927	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	3/24/1927	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	4/6/1927	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	5/3/1927	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	6/2/1927	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	6/21/1927	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	9/27/1980	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	5/17/1981	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	5/15/1983	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	11/4/1987	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	5/17/1990	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	12/14/1991	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	3/10/1992	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	4/27/1993	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	4/29/1998	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	6/8/2001	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	12/25/2006	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/14/2007	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	4/13/2013	133	133	1.62	223.12	1996	12.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	601377.08
5439000	8/23/1980	132	132	1.62	221.50	2018	12.5881%	Chloride	--	mg/L	500	28.3	#VALUE!	597018.5568
5439000	12/8/1980	132	132	1.62	221.50	2018	12.5881%	Chloride	--	mg/L	500	28.3	#VALUE!	597018.5568
5439000	5/24/1984	132	132	1.62	221.50	2018	12.5881%	Chloride	--	mg/L	500	28.3	#VALUE!	597018.5568
5439000	4/26/1987	132	132	1.62	221.50	2018	12.5881%	Chloride	--	mg/L	500	28.3	#VALUE!	597018.5568
5439000	2/7/1991	132	132	1.62	221.50	2018	12.5881%	Chloride	--	mg/L	500	28.3	#VALUE!	597018.5568
5439000	4/5/1998	132	132	1.62	221.50	2018	12.5881%	Chloride	--	mg/L	500	28.3	#VALUE!	597018.5568
5439000	10/25/2001	132	132	1.62	221.50	2018	12.5881%	Chloride	--	mg/L	500	28.3	#VALUE!	597018.5568
5439000	5/23/2002	132	132	1.62	221.50	2018	12.5881%	Chloride	--	mg/L	500	28.3	#VALUE!	597018.5568
5439000	6/16/2004	132	132	1.62	221.50	2018	12.5881%	Chloride	--	mg/L	500	28.3	#VALUE!	597018.5568
5439000	3/31/2007	132	132	1.62	221.50	2018	12.5881%	Chloride	--	mg/L	500	28.3	#VALUE!	597018.5568
5439000	8/3/2010	132	132	1.62	221.50	2018	12.5881%	Chloride	--	mg/L	500	28.3	#VALUE!	597018.5568
5439000	6/17/2011	132	132	1.62	221.50	2018	12.5881%	Chloride	--	mg/L	500	28.3	#VALUE!	597018.5568
5439000	12/4/2011	132	132	1.62	221.50	2018	12.5881%	Chloride	--	mg/L	500	28.3	#VALUE!	597018.5568
5439000	5/25/2015	132	132	1.62	221.50	2018	12.5881%	Chloride	--	mg/L	500	28.3	#VALUE!	597018.5568
5439000	5/29/1981	131	131	1.62	219.89	2032	12.6754%	Chloride	--	mg/L	500	28.3	#VALUE!	592660.0337
5439000	9/30/1981	131	131	1.62	219.89	2032	12.6754%	Chloride	--	mg/L	500	28.3	#VALUE!	592660.0337
5439000	2/24/1982	131	131	1.62	219.89	2032	12.6754%	Chloride	--	mg/L	500	28.3	#VALUE!	592660.0337
5439000	3/17/1985	131	131	1.62	219.89	2032	12.6754%	Chloride	--	mg/L	500	28.3	#VALUE!	592660.0337
5439000	3/31/1985	131	131	1.62	219.89	2032	12.6754%	Chloride	--	mg/L	500	28.3	#VALUE!	592660.0337
5439000	5/29/1986	131	131	1.62	219.89	2032	12.6754%	Chloride	--	mg/L	500	28.3	#VALUE!	592660.0337
5439000	5/7/1990	131	131	1.62	219.89	2032	12.6754%	Chloride	--	mg/L	500	28.3	#VALUE!	592660.0337
5439000	8/30/1993	131	131	1.62	219.89	2032	12.6754%	Chloride	--	mg/L	500	28.3	#VALUE!	592660.0337
5439000	6/16/1998	131	131	1.62	219.89	2032	12.6754%	Chloride	--	mg/L	500	28.3	#VALUE!	592660.0337
5439000	11/10/2000	131	131	1.62	219.89	2032	12.6754%	Chloride	--	mg/L	500	28.3	#VALUE!	592660.0337
5439000	5/17/2003	131	131	1.62	219.89	2032	12.6754%	Chloride	--	mg/L	500	28.3	#VALUE!	592660.0337
5439000	3/2/2009	131	131	1.62	219.89	2032	12.6754%	Chloride	--	mg/L	500	28.3	#VALUE!	592660.0337
5439000	3/13/2011	131	131	1.62	219.89	2032	12.6754%	Chloride	--	mg/L	500	28.3	#VALUE!	592660.0337
5439000	1/30/2013	131	131	1.62	219.89	2032	12.6754%	Chloride	--	mg/L	500	28.3	#VALUE!	592660.0337
5439000	10/10/1927	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/21/1928	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	2/15/1928	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	6/26/1928	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	12/25/1979	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	11/14/1982	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	5/28/1986	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	6/14/1987	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	12/14/1987	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	3/25/1991	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	1/5/1995	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	2/20/1995	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	6/19/1998	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	5/7/2003	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	4/2/2004	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	1/15/2005	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	11/30/2006	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	3/7/2007	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	3/19/2007	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	8/19/2007	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	6/13/2008	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	3/23/2011	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	7/18/2015	130	130	1.62	218.27	2046	12.7628%	Chloride	--	mg/L	500	28.3	#VALUE!	588301.5105
5439000	9/3/1980	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	5/12/1981	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	4/15/1982	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	2/25/1983	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	6/8/1984	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	12/31/1984	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	11/27/1985	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	7/15/1986	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	8/3/1989	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/15/1994	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	5/17/1995	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	5/10/1997	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	4/14/1998	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	5/2/1998	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	4/24/2000	129	129	1.62	216.65	2069	12.9062%	Chloride	48.40	mg/L	500	28.3	56525.68118	583942.9874
5439000	2/20/2001	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	2/22/2002	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	3/30/2007	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	12/22/2008	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	5/20/2009	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	6/6/2011	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	5/15/2015	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	6/13/2015	129	129	1.62	216.65	2069	12.9062%	Chloride	--	mg/L	500	28.3	#VALUE!	583942.9874
5439000	3/10/1929	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	3/28/1929	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	3/31/1929	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	4/7/1929	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	3/29/1931	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	6/8/1931	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	4/19/1980	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	5/4/1981	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	3/23/1990	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	6/13/1991	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	2/18/1992	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	6/14/1996	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	3/23/1998	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	5/19/1998	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	6/6/1999	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	3/2/2008	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	5/30/2009	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/2/2009	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	3/20/2010	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	3/3/2011	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	7/8/2015	128	128	1.62	215.04	2092	13.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	579584.4642
5439000	6/25/1931	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	1/7/1932	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	3/27/1933	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	4/1/1933	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	4/2/1933	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	5/5/1933	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	5/26/1933	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	5/28/1933	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	3/25/1982	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	7/12/1982	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	6/1/1983	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	12/7/1985	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	9/5/1987	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	5/9/1990	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	2/26/1992	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	4/28/1993	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	5/18/1995	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	2/15/1998	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	7/5/2000	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	5/21/2003	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	2/17/2005	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	12/26/2008	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	6/17/2009	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	3/24/2011	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	3/7/2012	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	5/10/2012	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	6/15/2013	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/17/2015	127	127	1.62	213.42	2113	13.1807%	Chloride	--	mg/L	500	28.3	#VALUE!	575225.941
5439000	12/21/1928	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	12/22/1928	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	4/16/1981	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	4/26/1981	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	6/2/1987	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	2/8/1990	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	12/12/1990	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	4/1/1991	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	4/20/1991	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	12/11/1991	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	12/21/1992	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	2/27/1998	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	2/28/1998	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	5/19/1999	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	6/1/1999	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	3/25/2004	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	6/9/2004	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	3/8/2007	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	4/17/2008	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	2/7/2009	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	2/15/2009	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	3/20/2009	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	5/13/2009	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	8/6/2010	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	5/20/2011	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	5/3/2013	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	5/29/2015	126	126	1.62	211.80	2141	13.3554%	Chloride	--	mg/L	500	28.3	#VALUE!	570867.4179
5439000	4/2/1982	125	125	1.62	210.19	2168	13.5238%	Chloride	--	mg/L	500	28.3	#VALUE!	566508.8947
5439000	6/2/1982	125	125	1.62	210.19	2168	13.5238%	Chloride	--	mg/L	500	28.3	#VALUE!	566508.8947
5439000	7/6/1982	125	125	1.62	210.19	2168	13.5238%	Chloride	--	mg/L	500	28.3	#VALUE!	566508.8947

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/15/1982	125	125	1.62	210.19	2168	13.5238%	Chloride	--	mg/L	500	28.3	#VALUE!	566508.8947
5439000	4/20/1983	125	125	1.62	210.19	2168	13.5238%	Chloride	--	mg/L	500	28.3	#VALUE!	566508.8947
5439000	10/27/1986	125	125	1.62	210.19	2168	13.5238%	Chloride	--	mg/L	500	28.3	#VALUE!	566508.8947
5439000	4/15/1987	125	125	1.62	210.19	2168	13.5238%	Chloride	--	mg/L	500	28.3	#VALUE!	566508.8947
5439000	1/18/1995	125	125	1.62	210.19	2168	13.5238%	Chloride	--	mg/L	500	28.3	#VALUE!	566508.8947
5439000	4/16/1995	125	125	1.62	210.19	2168	13.5238%	Chloride	--	mg/L	500	28.3	#VALUE!	566508.8947
5439000	6/16/1996	125	125	1.62	210.19	2168	13.5238%	Chloride	--	mg/L	500	28.3	#VALUE!	566508.8947
5439000	3/7/1997	125	125	1.62	210.19	2168	13.5238%	Chloride	--	mg/L	500	28.3	#VALUE!	566508.8947
5439000	5/9/1999	125	125	1.62	210.19	2168	13.5238%	Chloride	--	mg/L	500	28.3	#VALUE!	566508.8947
5439000	4/13/2002	125	125	1.62	210.19	2168	13.5238%	Chloride	--	mg/L	500	28.3	#VALUE!	566508.8947
5439000	3/21/2010	125	125	1.62	210.19	2168	13.5238%	Chloride	--	mg/L	500	28.3	#VALUE!	566508.8947
5439000	6/29/2010	125	125	1.62	210.19	2168	13.5238%	Chloride	--	mg/L	500	28.3	#VALUE!	566508.8947
5439000	4/30/2013	125	125	1.62	210.19	2168	13.5238%	Chloride	--	mg/L	500	28.3	#VALUE!	566508.8947
5439000	6/26/2014	125	125	1.62	210.19	2168	13.5238%	Chloride	--	mg/L	500	28.3	#VALUE!	566508.8947
5439000	9/17/1926	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	12/3/1926	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	2/9/1927	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	3/22/1927	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	3/23/1927	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	3/25/1927	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	5/12/1927	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	12/13/1983	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	6/2/1984	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	3/9/1986	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	11/17/1987	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	5/19/1990	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	4/16/1992	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	5/1/1995	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	5/19/1995	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	3/11/1998	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	5/16/1998	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/6/1999	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	6/19/1999	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	3/19/2008	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	4/8/2008	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	6/11/2008	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	3/23/2010	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	4/10/2010	124	124	1.62	208.57	2185	13.6298%	Chloride	--	mg/L	500	28.3	#VALUE!	562150.3716
5439000	9/28/1980	123	123	1.62	206.95	2209	13.7796%	Chloride	--	mg/L	500	28.3	#VALUE!	557791.8484
5439000	5/14/1981	123	123	1.62	206.95	2209	13.7796%	Chloride	--	mg/L	500	28.3	#VALUE!	557791.8484
5439000	7/1/1982	123	123	1.62	206.95	2209	13.7796%	Chloride	--	mg/L	500	28.3	#VALUE!	557791.8484
5439000	5/14/1983	123	123	1.62	206.95	2209	13.7796%	Chloride	--	mg/L	500	28.3	#VALUE!	557791.8484
5439000	11/7/1985	123	123	1.62	206.95	2209	13.7796%	Chloride	--	mg/L	500	28.3	#VALUE!	557791.8484
5439000	11/9/1985	123	123	1.62	206.95	2209	13.7796%	Chloride	--	mg/L	500	28.3	#VALUE!	557791.8484
5439000	2/27/1994	123	123	1.62	206.95	2209	13.7796%	Chloride	--	mg/L	500	28.3	#VALUE!	557791.8484
5439000	11/5/1994	123	123	1.62	206.95	2209	13.7796%	Chloride	--	mg/L	500	28.3	#VALUE!	557791.8484
5439000	6/14/2002	123	123	1.62	206.95	2209	13.7796%	Chloride	--	mg/L	500	28.3	#VALUE!	557791.8484
5439000	6/10/2004	123	123	1.62	206.95	2209	13.7796%	Chloride	--	mg/L	500	28.3	#VALUE!	557791.8484
5439000	12/1/2006	123	123	1.62	206.95	2209	13.7796%	Chloride	--	mg/L	500	28.3	#VALUE!	557791.8484
5439000	12/17/2006	123	123	1.62	206.95	2209	13.7796%	Chloride	--	mg/L	500	28.3	#VALUE!	557791.8484
5439000	6/2/2007	123	123	1.62	206.95	2209	13.7796%	Chloride	--	mg/L	500	28.3	#VALUE!	557791.8484
5439000	9/30/2008	123	123	1.62	206.95	2209	13.7796%	Chloride	--	mg/L	500	28.3	#VALUE!	557791.8484
5439000	5/10/2009	123	123	1.62	206.95	2209	13.7796%	Chloride	--	mg/L	500	28.3	#VALUE!	557791.8484
5439000	10/29/2009	123	123	1.62	206.95	2209	13.7796%	Chloride	--	mg/L	500	28.3	#VALUE!	557791.8484
5439000	11/6/2009	123	123	1.62	206.95	2209	13.7796%	Chloride	--	mg/L	500	28.3	#VALUE!	557791.8484
5439000	4/11/2015	123	123	1.62	206.95	2209	13.7796%	Chloride	--	mg/L	500	28.3	#VALUE!	557791.8484
5439000	6/27/1982	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253
5439000	7/29/1982	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253
5439000	3/23/1983	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253
5439000	5/5/1983	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253
5439000	5/30/1986	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253
5439000	5/28/1987	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/23/1988	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253
5439000	8/9/1989	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253
5439000	4/12/1991	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253
5439000	6/5/1991	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253
5439000	12/2/1992	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253
5439000	11/14/1995	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253
5439000	5/13/1996	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253
5439000	2/14/1999	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253
5439000	5/2/2002	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253
5439000	4/4/2007	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253
5439000	3/23/2008	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253
5439000	12/20/2011	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253
5439000	6/28/2015	122	122	1.62	205.33	2227	13.8918%	Chloride	--	mg/L	500	28.3	#VALUE!	553433.3253
5439000	10/13/1927	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	12/29/1927	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	5/19/1928	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	8/16/1981	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	2/22/1982	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	5/6/1983	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	4/26/1984	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	11/28/1985	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	5/26/1986	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	6/22/1990	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	4/30/1998	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	10/17/1998	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	4/20/1999	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	6/21/2000	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	5/25/2002	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	8/14/2007	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	7/21/2008	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	4/8/2009	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/1/2009	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	5/4/2013	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	4/9/2015	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	5/30/2015	121	121	1.62	203.72	2246	14.0104%	Chloride	--	mg/L	500	28.3	#VALUE!	549074.8021
5439000	3/12/1929	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	4/8/1929	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	4/13/1929	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	6/22/1929	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	2/20/1930	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	2/25/1984	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	3/29/1984	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	12/19/1990	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	7/29/1993	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	9/18/1993	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	10/3/1993	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	3/18/1994	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	4/20/1995	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	5/3/1998	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	5/3/1999	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	6/28/2000	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	6/3/2001	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	8/12/2007	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	6/15/2008	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	3/24/2009	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	2/17/2011	120	120	1.62	202.10	2268	14.1476%	Chloride	--	mg/L	500	28.3	#VALUE!	544716.279
5439000	11/21/1931	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	12/14/1931	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	1/14/1932	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	1/19/1932	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	4/3/1932	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	3/28/1933	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/3/1933	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	4/8/1933	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	5/16/1933	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	7/10/1933	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	6/22/1981	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	5/16/1983	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	3/22/1984	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	4/14/1988	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	6/23/1990	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	4/6/1998	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	4/7/1998	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	5/1/1998	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	2/7/1999	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	3/20/2007	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	6/6/2008	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	9/29/2008	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	1/5/2009	119	119	1.62	200.48	2289	14.2786%	Chloride	--	mg/L	500	28.3	#VALUE!	540357.7558
5439000	11/27/1928	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	12/23/1928	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	1/6/1929	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	1/24/1929	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	12/24/1982	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	1/1/1983	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	12/15/1984	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	10/1/1986	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	9/17/1987	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	12/5/1990	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	5/20/1991	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	10/17/1993	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	5/5/1998	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	2/28/2000	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/24/2002	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	6/11/2004	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	6/17/2004	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	2/7/2005	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	5/2/2007	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	9/25/2008	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	4/3/2014	118	118	1.62	198.87	2312	14.4221%	Chloride	--	mg/L	500	28.3	#VALUE!	535999.2327
5439000	2/18/1983	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	7/13/1983	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	12/14/1983	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	6/28/1985	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	12/8/1985	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	3/18/1986	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	9/11/1989	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	2/15/1990	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	3/24/1990	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	11/17/1992	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	6/26/1993	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	6/28/1996	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	3/13/2002	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	4/15/2007	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	2/20/2008	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	6/3/2009	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	6/23/2010	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	3/3/2012	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	6/13/2014	117	117	1.62	197.25	2333	14.5531%	Chloride	--	mg/L	500	28.3	#VALUE!	531640.7095
5439000	2/21/1926	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	3/4/1926	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	4/15/1926	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	10/11/1926	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	12/14/1926	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/10/1927	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	2/11/1927	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	3/18/1927	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	3/20/1927	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	3/27/1927	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	4/27/1927	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	5/9/1927	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	6/3/1927	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	6/5/1980	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	9/29/1980	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	2/25/1982	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	4/21/1982	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	9/6/1987	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	9/14/1989	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	11/29/1991	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	12/26/1993	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	12/29/1994	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	3/11/1995	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	4/10/1995	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	5/20/1999	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	5/12/2004	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	6/4/2007	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	4/5/2008	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	7/15/2008	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	5/21/2009	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	5/2/2011	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	4/25/2015	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	4/28/2015	116	116	1.62	195.63	2352	14.6716%	Chloride	--	mg/L	500	28.3	#VALUE!	527282.1864
5439000	5/11/1981	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	5/18/1981	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	3/18/1985	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/7/1986	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	3/16/1986	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	5/22/1990	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	12/11/1990	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	4/18/1992	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	11/3/1992	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	11/20/1992	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	2/25/1994	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	6/30/1994	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	1/5/1998	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	6/9/1998	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	2/10/1999	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	12/26/2006	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	12/26/2007	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	1/14/2008	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	10/27/2008	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	3/21/2009	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	6/18/2009	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	1/29/2010	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	6/18/2011	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	3/8/2012	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	7/8/2014	115	115	1.62	194.01	2385	14.8774%	Chloride	--	mg/L	500	28.3	#VALUE!	522923.6632
5439000	6/7/1980	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	4/21/1983	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	10/2/1986	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	1/17/1990	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	3/4/1990	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	4/21/1991	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	1/16/1992	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	2/7/1993	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	3/13/1994	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/14/1994	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	8/13/1996	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	5/11/1999	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	6/7/1999	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	3/25/2001	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	4/14/2002	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	3/18/2008	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	5/30/2008	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	10/24/2008	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	11/7/2009	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	11/13/2011	114	114	1.62	192.40	2410	15.0334%	Chloride	--	mg/L	500	28.3	#VALUE!	518565.1401
5439000	10/11/1927	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	11/15/1927	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	11/24/1927	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	11/28/1927	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	12/1/1927	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	12/31/1927	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	4/1/1928	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	4/13/1928	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	4/18/1928	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	6/24/1928	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	7/8/1928	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	3/29/1929	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	5/2/1929	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	5/24/1929	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	7/12/1929	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	10/20/1980	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	12/16/1982	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	6/2/1983	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	4/30/1984	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	9/7/1987	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/4/1987	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	9/13/1989	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	1/9/1993	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	5/10/1993	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	7/4/1993	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	10/18/1993	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	3/15/1994	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	8/13/1994	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	11/16/1994	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	2/21/1995	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	6/8/1995	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	6/15/1996	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	8/3/1996	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	3/8/1997	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	1/11/1998	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	2/16/1998	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	11/12/1998	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	6/5/2000	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	1/30/2001	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	5/18/2003	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	4/3/2004	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	9/6/2007	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	4/18/2008	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	3/14/2011	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	12/21/2011	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	6/29/2015	113	113	1.62	190.78	2430	15.1581%	Chloride	--	mg/L	500	28.3	#VALUE!	514206.6169
5439000	2/22/1930	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	3/30/1930	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	4/25/1930	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	4/20/1980	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	5/13/1981	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/20/1981	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	5/7/1983	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	5/31/1986	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	9/18/1987	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	12/19/1987	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	3/12/1989	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	2/10/1990	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	5/8/1990	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	3/10/1997	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	5/11/1997	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	3/20/1999	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	5/10/1999	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	6/4/2000	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	5/3/2003	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	7/24/2007	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	8/15/2007	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	5/16/2008	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	5/11/2009	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	1/2/2010	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	5/20/2010	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	6/7/2011	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	12/5/2011	112	112	1.62	189.16	2476	15.4451%	Chloride	--	mg/L	500	28.3	#VALUE!	509848.0938
5439000	11/27/1931	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	2/14/1932	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	6/7/1932	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	1/23/1933	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	2/2/1933	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	5/20/1933	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	5/21/1933	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	7/5/1933	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	6/8/1980	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/24/1983	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	4/2/1985	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	5/18/1990	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	12/22/1992	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	3/12/1993	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	12/25/1994	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	3/12/1995	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	3/9/1997	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	1/10/1998	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	3/24/1998	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	6/20/1999	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	5/31/2003	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	3/17/2008	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	12/12/2008	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	5/31/2009	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	6/21/2009	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	6/21/2010	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	5/19/2015	111	111	1.62	187.55	2503	15.6135%	Chloride	--	mg/L	500	28.3	#VALUE!	505489.5706
5439000	12/24/1928	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	1/7/1929	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	2/22/1981	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	5/5/1981	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	11/2/1982	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	2/22/1985	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	3/19/1985	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	1/21/1986	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	2/22/1986	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	4/27/1987	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	1/18/1988	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	7/21/1989	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	11/7/1990	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/19/1991	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	1/4/1995	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	5/4/1998	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	5/4/1999	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	5/13/2000	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	4/13/2001	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	6/9/2001	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	9/19/2001	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	3/9/2004	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	2/8/2005	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	9/7/2007	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	3/8/2008	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	8/29/2009	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	3/6/2010	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	2/28/2011	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	5/5/2013	110	110	1.62	185.93	2530	15.7819%	Chloride	--	mg/L	500	28.3	#VALUE!	501131.0474
5439000	7/2/1982	109	109	1.62	184.31	2559	15.9628%	Chloride	--	mg/L	500	28.3	#VALUE!	496772.5243
5439000	12/9/1986	109	109	1.62	184.31	2559	15.9628%	Chloride	--	mg/L	500	28.3	#VALUE!	496772.5243
5439000	2/23/1990	109	109	1.62	184.31	2559	15.9628%	Chloride	--	mg/L	500	28.3	#VALUE!	496772.5243
5439000	3/25/1990	109	109	1.62	184.31	2559	15.9628%	Chloride	--	mg/L	500	28.3	#VALUE!	496772.5243
5439000	12/13/1990	109	109	1.62	184.31	2559	15.9628%	Chloride	--	mg/L	500	28.3	#VALUE!	496772.5243
5439000	3/11/1992	109	109	1.62	184.31	2559	15.9628%	Chloride	--	mg/L	500	28.3	#VALUE!	496772.5243
5439000	4/19/1992	109	109	1.62	184.31	2559	15.9628%	Chloride	--	mg/L	500	28.3	#VALUE!	496772.5243
5439000	9/1/1993	109	109	1.62	184.31	2559	15.9628%	Chloride	--	mg/L	500	28.3	#VALUE!	496772.5243
5439000	5/20/1998	109	109	1.62	184.31	2559	15.9628%	Chloride	--	mg/L	500	28.3	#VALUE!	496772.5243
5439000	6/17/1998	109	109	1.62	184.31	2559	15.9628%	Chloride	--	mg/L	500	28.3	#VALUE!	496772.5243
5439000	5/21/1999	109	109	1.62	184.31	2559	15.9628%	Chloride	--	mg/L	500	28.3	#VALUE!	496772.5243
5439000	2/23/2002	109	109	1.62	184.31	2559	15.9628%	Chloride	--	mg/L	500	28.3	#VALUE!	496772.5243
5439000	6/15/2002	109	109	1.62	184.31	2559	15.9628%	Chloride	--	mg/L	500	28.3	#VALUE!	496772.5243
5439000	12/13/2008	109	109	1.62	184.31	2559	15.9628%	Chloride	--	mg/L	500	28.3	#VALUE!	496772.5243
5439000	4/14/2009	109	109	1.62	184.31	2559	15.9628%	Chloride	--	mg/L	500	28.3	#VALUE!	496772.5243

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/28/2009	109	109	1.62	184.31	2559	15.9628%	Chloride	--	mg/L	500	28.3	#VALUE!	496772.5243
5439000	3/25/2011	109	109	1.62	184.31	2559	15.9628%	Chloride	--	mg/L	500	28.3	#VALUE!	496772.5243
5439000	5/31/2015	109	109	1.62	184.31	2559	15.9628%	Chloride	--	mg/L	500	28.3	#VALUE!	496772.5243
5439000	6/20/1926	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	8/20/1926	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	10/12/1926	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	2/1/1927	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	4/1/1927	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	4/7/1927	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	5/4/1927	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	5/13/1927	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	6/7/1927	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	8/24/1980	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	4/22/1983	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	10/25/1985	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	4/2/1991	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	5/11/1993	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	1/19/1995	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	5/20/1995	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	5/25/1997	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	5/17/1998	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	2/8/1999	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	2/9/1999	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	3/11/2008	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	4/19/2008	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	6/16/2008	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	7/11/2008	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	2/16/2009	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	5/21/2011	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	2/12/2013	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011
5439000	7/5/2013	108	108	1.62	182.69	2577	16.0751%	Chloride	--	mg/L	500	28.3	#VALUE!	492414.0011

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/30/1980	107	107	1.62	181.08	2605	16.2498%	Chloride	--	mg/L	500	28.3	#VALUE!	488055.478
5439000	12/1/1983	107	107	1.62	181.08	2605	16.2498%	Chloride	--	mg/L	500	28.3	#VALUE!	488055.478
5439000	3/20/1986	107	107	1.62	181.08	2605	16.2498%	Chloride	--	mg/L	500	28.3	#VALUE!	488055.478
5439000	5/26/1990	107	107	1.62	181.08	2605	16.2498%	Chloride	--	mg/L	500	28.3	#VALUE!	488055.478
5439000	8/23/1990	107	107	1.62	181.08	2605	16.2498%	Chloride	--	mg/L	500	28.3	#VALUE!	488055.478
5439000	4/13/1991	107	107	1.62	181.08	2605	16.2498%	Chloride	--	mg/L	500	28.3	#VALUE!	488055.478
5439000	3/11/1997	107	107	1.62	181.08	2605	16.2498%	Chloride	--	mg/L	500	28.3	#VALUE!	488055.478
5439000	2/15/1999	107	107	1.62	181.08	2605	16.2498%	Chloride	--	mg/L	500	28.3	#VALUE!	488055.478
5439000	5/5/1999	107	107	1.62	181.08	2605	16.2498%	Chloride	--	mg/L	500	28.3	#VALUE!	488055.478
5439000	4/5/2007	107	107	1.62	181.08	2605	16.2498%	Chloride	--	mg/L	500	28.3	#VALUE!	488055.478
5439000	3/20/2008	107	107	1.62	181.08	2605	16.2498%	Chloride	--	mg/L	500	28.3	#VALUE!	488055.478
5439000	4/9/2009	107	107	1.62	181.08	2605	16.2498%	Chloride	--	mg/L	500	28.3	#VALUE!	488055.478
5439000	4/11/2010	107	107	1.62	181.08	2605	16.2498%	Chloride	--	mg/L	500	28.3	#VALUE!	488055.478
5439000	4/18/2011	107	107	1.62	181.08	2605	16.2498%	Chloride	--	mg/L	500	28.3	#VALUE!	488055.478
5439000	4/5/2014	107	107	1.62	181.08	2605	16.2498%	Chloride	--	mg/L	500	28.3	#VALUE!	488055.478
5439000	4/14/2014	107	107	1.62	181.08	2605	16.2498%	Chloride	--	mg/L	500	28.3	#VALUE!	488055.478
5439000	7/15/2014	107	107	1.62	181.08	2605	16.2498%	Chloride	--	mg/L	500	28.3	#VALUE!	488055.478
5439000	3/11/1929	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	4/9/1929	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	5/16/1929	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	7/1/1929	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	4/4/1980	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	12/10/1980	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	6/1/1981	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	2/26/1982	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	4/1/1982	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	6/3/1983	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	12/16/1984	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	11/29/1985	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	3/17/1986	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	3/2/1990	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/22/1991	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	8/29/1993	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	12/26/1994	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	12/27/1994	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	4/17/1995	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	2/19/2001	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	2/21/2001	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	5/22/2003	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	3/24/2010	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	2/24/2011	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	6/8/2011	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	5/11/2012	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	5/1/2013	106	106	1.62	179.46	2622	16.3558%	Chloride	--	mg/L	500	28.3	#VALUE!	483696.9548
5439000	11/25/1927	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	1/11/1928	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	3/9/1928	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	6/20/1928	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	7/19/1928	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	7/24/1928	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	8/5/1928	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	4/17/1981	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	12/17/1982	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	4/27/1984	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	2/3/1987	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	5/29/1987	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	7/2/1990	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	11/5/1992	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	12/4/1992	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	3/27/1994	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	2/17/1998	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	6/18/1998	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/9/1998	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	4/19/2000	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	6/29/2000	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	5/8/2003	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	5/19/2003	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	3/21/2008	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	3/15/2011	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	6/27/2014	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	6/30/2015	105	105	1.62	177.84	2649	16.5242%	Chloride	--	mg/L	500	28.3	#VALUE!	479338.4317
5439000	4/14/1929	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	2/21/1930	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	3/28/1931	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	2/26/1983	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	5/17/1983	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	6/15/1983	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	2/26/1984	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	6/3/1984	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	1/1/1985	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	1/29/1988	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	12/3/1991	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	4/20/1992	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	1/26/1993	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	4/21/1995	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	5/2/1995	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	3/25/1998	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	5/22/1999	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	7/13/2000	104	104	1.62	176.23	2676	16.6927%	Chloride	34.70	mg/L	500	28.3	32963.60565	474979.9085
5439000	3/14/2002	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	5/3/2002	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	5/26/2002	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	2/24/2004	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/3/2007	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	6/5/2007	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	7/13/2007	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	3/24/2008	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	10/8/2008	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	6/4/2009	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	6/18/2014	104	104	1.62	176.23	2676	16.6927%	Chloride	--	mg/L	500	28.3	#VALUE!	474979.9085
5439000	11/28/1928	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	11/30/1928	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	12/25/1928	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	1/3/1932	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	1/8/1932	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	1/13/1932	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	1/20/1932	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	5/8/1932	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	12/27/1932	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	2/25/1933	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	4/9/1933	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	5/17/1933	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	5/29/1933	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	6/6/1980	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	6/24/1981	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	3/20/1984	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	4/3/1985	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	11/30/1985	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	3/7/1986	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	7/16/1986	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	4/15/1988	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	7/19/1989	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	6/6/1991	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	12/15/1991	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/5/1993	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	8/25/1993	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	8/5/1996	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	3/1/1998	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	3/12/1998	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	5/18/1998	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	6/20/1998	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	10/21/1998	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	4/25/2000	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	4/15/2002	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	6/18/2004	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	2/18/2005	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	3/22/2008	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	6/14/2008	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	9/26/2008	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	12/18/2008	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	12/19/2008	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	3/22/2009	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	5/12/2009	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	5/26/2009	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	5/21/2010	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	6/19/2011	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	7/15/2015	103	103	1.62	174.61	2705	16.8736%	Chloride	--	mg/L	500	28.3	#VALUE!	470621.3854
5439000	9/4/1980	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	4/27/1981	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	11/28/1982	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	1/2/1983	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	3/30/1984	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	11/8/1985	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	9/8/1987	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	2/26/1990	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/5/1990	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	12/6/1990	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	12/17/1990	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	2/27/1992	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	12/3/1992	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	10/19/1993	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	11/17/1994	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	3/13/1995	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	11/2/1995	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	6/29/1996	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	3/12/1997	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	6/8/1999	102	102	1.62	172.99	2752	17.1667%	Chloride	40.50	mg/L	500	28.3	37767.29184	466262.8622
5439000	6/22/1999	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	6/22/2000	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	4/15/2001	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	6/12/2008	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	1/6/2009	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	4/13/2009	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	5/23/2009	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	12/24/2009	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	5/3/2011	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	3/4/2012	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	3/19/2013	102	102	1.62	172.99	2752	17.1667%	Chloride	--	mg/L	500	28.3	#VALUE!	466262.8622
5439000	12/28/1927	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391
5439000	5/19/1981	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391
5439000	6/3/1982	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391
5439000	11/15/1982	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391
5439000	12/18/1982	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391
5439000	2/16/1983	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391
5439000	5/19/1983	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391
5439000	12/9/1985	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/25/1990	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391
5439000	6/18/1990	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391
5439000	6/12/1991	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391
5439000	5/14/1996	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391
5439000	2/29/2000	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391
5439000	3/5/2001	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391
5439000	4/16/2001	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391
5439000	12/18/2006	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391
5439000	4/6/2008	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391
5439000	1/4/2011	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391
5439000	3/6/2012	101	101	1.62	171.37	2783	17.3601%	Chloride	--	mg/L	500	28.3	#VALUE!	461904.3391
5439000	4/16/1926	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	10/13/1926	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	12/4/1926	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	12/13/1926	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	2/17/1927	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	3/19/1927	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	3/28/1927	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	4/9/1927	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	4/28/1927	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	5/23/1927	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	6/22/1927	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	4/2/1928	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	10/1/1980	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	9/29/1981	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	7/13/1982	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	7/14/1983	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	6/6/1984	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	12/14/1984	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	5/25/1989	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	5/23/1990	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/14/1990	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	2/4/1991	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	5/21/1991	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	5/12/1993	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	2/18/1994	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	12/30/1994	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	6/21/1999	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	6/23/1999	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	6/23/2000	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	3/13/2001	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	5/27/2002	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	1/16/2005	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	6/11/2006	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	12/27/2006	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	4/6/2007	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	2/17/2009	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	5/22/2009	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	5/22/2011	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	6/20/2011	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	5/2/2013	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	3/24/2014	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	4/12/2015	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	4/29/2015	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	7/6/2015	100	100	1.62	169.76	2802	17.4786%	Chloride	--	mg/L	500	28.3	#VALUE!	457545.8159
5439000	3/30/1929	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	5/3/1929	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	6/23/1929	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	11/28/1931	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	12/15/1931	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	3/8/1932	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	4/4/1932	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/1/1933	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	3/31/1933	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	10/21/1980	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	4/22/1982	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	7/30/1982	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	3/26/1983	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	4/23/1983	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	6/28/1983	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	11/25/1983	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	5/22/1984	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	3/28/1985	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	11/5/1987	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	12/5/1987	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	1/25/1988	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	9/12/1989	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	2/1/1990	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	2/3/1990	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	5/27/1990	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	12/15/1990	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	3/4/1991	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	4/21/1992	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	11/11/1992	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	3/5/1994	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	3/10/1994	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	3/19/1994	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	6/9/1995	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	3/26/1998	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	3/25/2008	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	5/17/2008	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	5/28/2008	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	6/7/2008	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/8/2008	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	6/25/2009	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	5/7/2010	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	4/15/2012	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	5/6/2013	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	6/16/2013	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	6/12/2015	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	7/9/2015	99	99	1.62	168.14	2846	17.7531%	Chloride	--	mg/L	500	28.3	#VALUE!	453187.2928
5439000	7/21/1980	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	2/28/1981	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	6/29/1983	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	6/30/1985	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	6/1/1986	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	10/6/1986	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	6/11/1987	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	9/15/1989	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	1/13/1993	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	2/4/1993	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	11/15/1995	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	5/21/1998	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	7/9/1998	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	2/16/1999	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	3/21/1999	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	7/6/2000	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	3/26/2001	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	4/28/2002	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	6/16/2002	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	4/16/2007	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	6/5/2009	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	5/23/2011	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	4/14/2013	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/29/2014	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	5/20/2015	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	6/1/2015	98	98	1.62	166.52	2892	18.0400%	Chloride	--	mg/L	500	28.3	#VALUE!	448828.7696
5439000	11/16/1927	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	3/14/1928	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	3/31/1930	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	4/26/1930	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	12/27/1979	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	4/21/1980	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	6/23/1981	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	3/26/1982	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	12/19/1982	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	3/25/1983	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	6/27/1983	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	12/10/1985	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	8/10/1989	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	2/7/1990	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	3/26/1990	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	4/14/1990	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	12/10/1990	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	4/23/1991	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	2/2/1993	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	3/17/1993	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	9/19/1993	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	11/29/1994	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	5/26/1997	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	2/18/1998	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	3/13/1998	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	5/25/2006	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	5/4/2007	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	1/15/2008	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/1/2008	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	10/28/2008	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	11/14/2008	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	4/15/2009	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	7/26/2010	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	7/16/2015	97	97	1.62	164.91	2918	18.2022%	Chloride	--	mg/L	500	28.3	#VALUE!	444470.2465
5439000	11/29/1928	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	12/1/1928	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	6/7/1931	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	6/9/1984	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	6/15/1984	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	6/15/1986	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	5/7/1991	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	3/12/1992	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	3/13/1993	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	8/4/1996	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	8/14/1996	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	3/13/1997	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	3/14/1997	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	5/12/1997	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	3/17/1998	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	6/9/1999	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	4/14/2001	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	6/1/2001	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	2/24/2002	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	3/15/2002	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	5/28/2002	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	4/4/2004	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	11/15/2008	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	12/14/2008	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	2/18/2009	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/3/2009	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	4/12/2010	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	5/8/2010	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	6/21/2011	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	12/22/2011	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	2/1/2012	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	2/21/2014	96	96	1.62	163.29	2952	18.4143%	Chloride	--	mg/L	500	28.3	#VALUE!	440111.7233
5439000	1/21/1932	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	1/20/1933	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	3/29/1933	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	5/19/1933	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	5/18/1983	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	6/4/1983	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	11/27/1983	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	5/1/1984	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	1/17/1988	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	2/4/1988	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	4/16/1988	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	4/15/1990	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	6/15/1990	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	12/16/1990	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	12/20/1990	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	5/22/1991	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	3/25/1992	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	10/20/1993	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	3/14/1995	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	5/23/1999	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	6/10/2001	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	6/10/2006	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	3/23/2009	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	11/8/2009	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/25/2009	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	3/25/2010	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	3/26/2011	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	4/15/2014	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	8/21/2014	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	7/19/2015	95	95	1.62	161.67	2984	18.6139%	Chloride	--	mg/L	500	28.3	#VALUE!	435753.2002
5439000	10/14/1927	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	12/2/1927	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	2/25/1981	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	2/27/1984	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	4/5/1984	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	6/4/1984	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	3/20/1985	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	6/17/1990	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	2/8/1991	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	4/3/1991	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	11/18/1992	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	7/30/1993	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	6/4/2001	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	5/29/2002	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	5/4/2003	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	5/23/2003	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	12/12/2003	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	4/20/2008	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	5/24/2009	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	3/16/2011	94	94	1.62	160.06	3014	18.8011%	Chloride	--	mg/L	500	28.3	#VALUE!	431394.677
5439000	2/24/1926	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	3/5/1926	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	12/5/1926	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	2/14/1927	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	4/8/1927	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/5/1927	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	5/14/1927	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	6/8/1927	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	4/5/1980	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	10/2/1980	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	5/6/1981	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	10/28/1986	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	9/19/1987	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	11/18/1987	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	4/17/1988	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	7/22/1989	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	5/5/1991	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	2/28/1992	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	12/6/1992	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	1/10/1993	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	10/21/1993	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	11/27/1994	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	5/20/1997	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	3/28/1998	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	11/13/1998	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	6/6/2000	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	8/22/2002	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	2/23/2004	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	4/21/2004	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	4/25/2004	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	6/21/2004	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	4/11/2007	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	6/1/2008	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	12/17/2008	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	12/20/2008	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	6/6/2009	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/30/2010	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	6/30/2010	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	5/4/2011	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	3/12/2012	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	7/9/2014	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	7/12/2014	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	4/13/2015	93	93	1.62	158.44	3034	18.9258%	Chloride	--	mg/L	500	28.3	#VALUE!	427036.1539
5439000	4/10/1929	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	10/1/1981	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	5/8/1983	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	12/15/1983	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	6/13/1984	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	12/10/1986	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	6/6/1989	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	2/6/1990	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	5/16/1991	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	5/17/1991	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	1/17/1992	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	12/23/1992	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	7/6/1993	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	11/2/1994	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	5/21/1995	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	5/9/1996	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	1/4/1998	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	5/22/1998	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	6/10/1999	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	10/26/2001	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	4/16/2002	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	5/4/2002	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	5/30/2002	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	5/1/2006	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/7/2007	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	9/8/2007	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	2/21/2008	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	10/9/2008	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	10/29/2008	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	4/10/2009	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	11/29/2009	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	2/25/2011	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	3/24/2013	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	7/1/2015	92	92	1.62	156.82	3077	19.1941%	Chloride	--	mg/L	500	28.3	#VALUE!	422677.6307
5439000	12/2/1928	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	7/3/1931	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	1/22/1932	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	1/23/1932	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	2/15/1932	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	4/5/1932	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	12/23/1932	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	2/23/1933	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	3/30/1933	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	4/4/1933	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	4/10/1933	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	5/18/1933	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	5/22/1933	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	2/23/1980	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	4/7/1980	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	3/1/1981	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	1/3/1983	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	12/2/1983	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	4/29/1984	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	4/4/1985	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	9/30/1986	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/6/1987	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	2/11/1990	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	5/28/1990	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	12/5/1992	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	5/13/1993	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	7/1/1994	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	6/10/1995	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	1/5/1997	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	5/3/1997	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	3/27/1998	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	7/5/1998	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	6/17/2002	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	12/12/2006	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	12/6/2011	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	3/9/2012	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	6/1/2013	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	4/30/2015	91	91	1.62	155.20	3111	19.4062%	Chloride	--	mg/L	500	28.3	#VALUE!	418319.1075
5439000	6/21/1926	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	10/14/1926	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	2/16/1927	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	11/26/1927	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	1/10/1928	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	3/27/1928	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	4/19/1928	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	3/16/1980	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	3/18/1980	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	4/22/1980	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	5/20/1981	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	2/27/1983	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	12/28/1984	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	3/29/1985	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/20/1986	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	9/9/1987	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	1/2/1988	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	3/5/1989	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	9/3/1989	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	2/25/1990	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	8/12/1990	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	12/7/1990	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	4/4/1991	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	6/7/1991	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	11/6/1992	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	12/24/1992	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	3/14/1993	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	10/4/1993	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	10/10/1993	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	2/28/1994	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	3/16/1994	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	11/18/1994	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	12/24/1994	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	1/6/1995	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	3/15/1995	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	4/9/1995	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	4/26/1995	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	5/4/1997	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	3/2/1998	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	6/24/1999	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	6/30/2000	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	5/31/2002	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	6/27/2006	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	12/15/2008	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	2/19/2009	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/25/2009	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	1/3/2010	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	3/17/2011	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	4/8/2011	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	3/5/2012	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	5/12/2012	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	4/15/2013	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	7/6/2013	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	3/18/2015	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	6/2/2015	90	90	1.62	153.59	3149	19.6432%	Chloride	--	mg/L	500	28.3	#VALUE!	413960.5844
5439000	4/3/1980	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	4/22/1981	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	6/2/1981	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	4/6/1985	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	11/24/1986	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	4/16/1987	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	5/24/1990	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	12/14/1990	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	2/22/1991	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	12/16/1991	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	11/4/1992	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	11/19/1992	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	1/31/1993	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	9/20/1993	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	3/15/1997	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	2/17/1999	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	5/24/1999	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	4/17/2001	89	89	1.62	151.97	3204	19.9863%	Chloride	51.70	mg/L	500	28.3	42352.85313	409602.0612
5439000	4/29/2002	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	6/19/2004	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	2/19/2005	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/10/2008	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	4/7/2008	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	9/27/2008	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	4/13/2010	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	4/9/2011	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	5/5/2011	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	5/6/2011	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	11/14/2011	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	5/4/2015	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	5/21/2015	89	89	1.62	151.97	3204	19.9863%	Chloride	--	mg/L	500	28.3	#VALUE!	409602.0612
5439000	4/15/1929	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	4/19/1929	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	5/4/1929	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	6/24/1929	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	8/25/1980	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	4/24/1983	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	5/1/1983	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	3/31/1984	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	11/3/1984	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	12/17/1984	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	6/15/1987	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	1/16/1988	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	2/28/1990	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	2/9/1991	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	11/10/1992	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	3/16/1993	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	12/31/1994	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	1/3/1995	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	5/3/1995	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	8/15/1996	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	3/16/1999	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/29/1999	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	4/26/2000	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	2/22/2001	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	2/20/2005	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	12/28/2006	88	88	1.62	150.35	3235	20.1797%	Chloride	58.40	mg/L	500	28.3	47332.44525	405243.5381
5439000	4/17/2007	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	5/5/2007	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	7/27/2007	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	12/21/2008	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	6/7/2009	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	5/22/2010	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	3/13/2012	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	6/28/2014	88	88	1.62	150.35	3235	20.1797%	Chloride	--	mg/L	500	28.3	#VALUE!	405243.5381
5439000	7/2/1931	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	12/16/1931	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	4/5/1933	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	4/23/1982	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	11/11/1982	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	12/20/1982	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	7/15/1983	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	4/6/1984	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	4/28/1984	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	5/2/1984	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	5/3/1984	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	6/5/1984	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	4/5/1985	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	4/28/1987	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	2/5/1988	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	3/27/1990	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	6/24/1990	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	4/22/1992	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/20/1995	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	5/15/1996	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	6/30/1996	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	6/21/1998	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	12/10/1998	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	6/11/2000	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	3/27/2001	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	5/1/2002	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	5/5/2002	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	3/10/2004	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	1/16/2008	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	6/26/2009	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	5/26/2010	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	6/13/2010	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	3/22/2011	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	6/22/2011	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	5/31/2013	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	5/3/2015	87	87	1.62	148.74	3269	20.3917%	Chloride	--	mg/L	500	28.3	#VALUE!	400885.0149
5439000	1/31/1926	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	9/18/1926	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	3/29/1927	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	4/3/1928	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	6/27/1928	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	7/25/1928	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	12/3/1928	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	3/28/1930	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	4/1/1930	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	4/27/1930	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	4/28/1930	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	6/9/1931	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	3/19/1980	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/3/1980	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	10/22/1980	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	12/11/1980	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	2/18/1981	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	3/30/1982	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	5/13/1983	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	4/7/1985	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	6/16/1986	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	5/30/1987	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	1/26/1988	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	3/6/1990	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	9/11/1992	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	9/2/1993	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	3/16/1995	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	2/19/1998	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	3/14/1998	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	3/1/2000	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	4/26/2004	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	12/19/2006	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	5/18/2008	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	1/7/2009	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	6/22/2010	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	2/26/2011	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	1/23/2012	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	5/7/2013	86	86	1.62	147.12	3305	20.6163%	Chloride	--	mg/L	500	28.3	#VALUE!	396526.4918
5439000	6/25/1981	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	10/21/1981	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	6/4/1982	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	1/4/1983	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	6/5/1983	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	2/28/1984	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/4/1984	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	3/21/1985	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	3/3/1986	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	7/3/1990	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	2/20/1991	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	12/17/1991	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	12/25/1992	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	2/11/1993	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	12/27/1993	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	1/21/1995	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	5/5/1997	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	6/25/1997	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	5/23/1998	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	7/21/1999	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	4/11/2001	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	5/6/2002	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	5/2/2006	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	12/2/2006	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	7/25/2007	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	3/9/2008	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	3/6/2009	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	8/7/2010	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	11/8/2011	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	12/23/2011	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	3/10/2012	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	7/8/2013	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	7/16/2014	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	5/22/2015	85	85	1.62	145.50	3343	20.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	392167.9686
5439000	6/9/1980	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	5/7/1981	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	12/23/1982	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/9/1983	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	4/18/1988	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	9/16/1989	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	7/22/1990	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	11/8/1990	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	4/5/1991	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	12/4/1991	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	3/6/1992	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	1/27/1993	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	3/17/1994	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	4/22/1995	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	5/13/1997	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	3/3/1998	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	3/29/1998	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	7/2/2000	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	4/6/2001	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	6/11/2001	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	6/3/2002	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	1/1/2007	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	9/9/2007	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	3/26/2008	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	4/21/2008	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	11/16/2008	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	12/16/2008	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	11/9/2009	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	3/26/2010	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	3/27/2011	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	3/20/2013	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	6/21/2013	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	5/24/2015	84	84	1.62	143.88	3377	21.0654%	Chloride	--	mg/L	500	28.3	#VALUE!	387809.4455
5439000	1/20/1928	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/19/1928	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	7/3/1928	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	7/9/1928	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	3/4/1930	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	11/29/1931	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	1/4/1932	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	1/29/1932	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	5/9/1932	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	1/22/1933	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	1/24/1933	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	1/27/1933	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	4/11/1933	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	7/6/1933	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	2/25/1980	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	6/10/1984	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	7/17/1986	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	2/4/1987	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	6/3/1987	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	9/20/1987	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	1/15/1988	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	1/28/1988	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	2/27/1988	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	2/27/1990	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	3/1/1990	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	3/28/1990	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	2/10/1991	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	5/23/1991	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	2/20/1992	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	3/13/1992	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	3/22/1993	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	6/15/1994	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/17/1996	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	4/14/1997	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	5/24/1998	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	5/31/2000	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	7/14/2000	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	3/14/2001	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	2/25/2002	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	6/1/2002	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	4/5/2004	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	6/22/2004	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	4/8/2007	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	8/13/2007	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	3/27/2008	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	3/28/2008	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	5/29/2008	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	4/16/2009	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	5/7/2011	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	5/24/2011	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	4/16/2014	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	6/3/2015	83	83	1.62	142.27	3410	21.2713%	Chloride	--	mg/L	500	28.3	#VALUE!	383450.9223
5439000	3/6/1926	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	9/22/1926	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	12/7/1926	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	3/30/1927	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	4/10/1927	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	5/6/1927	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	5/15/1927	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	5/17/1929	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	5/25/1929	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	3/30/1931	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	10/24/1980	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/14/1982	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	11/16/1982	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	4/25/1983	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	5/20/1983	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	12/11/1985	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	4/29/1987	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	11/6/1987	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	3/29/1990	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	6/20/1990	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	12/21/1990	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	4/24/1991	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	4/23/1992	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	5/22/1995	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	11/16/1995	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	3/16/1997	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	5/7/1997	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	3/30/1998	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	3/22/1999	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	5/14/2000	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	3/6/2001	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	4/7/2001	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	4/17/2002	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	5/24/2003	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	3/24/2004	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	2/9/2005	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	4/17/2006	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	6/17/2008	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	3/5/2010	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	4/10/2011	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	2/2/2012	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	2/5/2012	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/14/2014	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	7/2/2015	82	82	1.62	140.65	3462	21.5957%	Chloride	--	mg/L	500	28.3	#VALUE!	379092.3992
5439000	4/6/1980	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	10/4/1980	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	5/21/1981	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	3/11/1982	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	3/22/1985	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	3/23/1985	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	6/2/1986	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	12/11/1986	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	9/10/1987	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	9/29/1987	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	12/15/1987	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	3/7/1990	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	4/16/1990	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	5/29/1990	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	12/8/1990	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	6/14/1991	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	3/26/1992	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	5/14/1993	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	7/31/1993	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	6/11/1995	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	2/20/1998	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	11/14/1998	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	5/25/1999	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	8/7/2000	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	4/30/2002	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	5/9/2002	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	6/18/2002	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	6/20/2004	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	12/31/2006	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/2/2008	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	4/11/2009	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	1/4/2010	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	6/14/2010	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	6/23/2011	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	1/24/2012	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	4/16/2013	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	6/17/2013	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	3/25/2014	81	81	1.62	139.03	3506	21.8701%	Chloride	--	mg/L	500	28.3	#VALUE!	374733.876
5439000	10/15/1927	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	11/27/1927	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	3/28/1928	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	6/22/1928	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	6/28/1928	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	6/29/1928	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	5/5/1929	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	4/29/1930	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	12/28/1979	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	4/23/1980	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	9/5/1980	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	4/18/1981	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	5/8/1981	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	4/24/1982	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	7/31/1982	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	2/28/1983	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	4/1/1984	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	3/30/1985	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	3/21/1986	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	6/1/1987	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	11/19/1987	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	12/18/1987	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/27/1988	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	2/6/1988	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	2/12/1990	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	6/19/1990	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	12/30/1990	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	12/7/1992	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	12/26/1992	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	1/12/1993	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	3/15/1993	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	8/23/1993	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	11/30/1994	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	1/23/1995	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	2/18/1999	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	2/3/2001	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	6/2/2002	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	6/1/2003	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	3/2/2004	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	6/6/2007	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	12/27/2007	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	7/16/2008	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	1/31/2010	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	4/14/2010	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	2/27/2011	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	3/18/2011	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	3/11/2012	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	2/19/2013	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	7/10/2015	80	80	1.62	137.42	3544	22.1072%	Chloride	--	mg/L	500	28.3	#VALUE!	370375.3529
5439000	4/17/1926	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	6/22/1926	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	7/4/1926	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	10/15/1926	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/16/1926	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	12/6/1926	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	1/31/1927	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	6/9/1927	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	6/23/1927	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	12/11/1931	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	1/5/1932	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	1/9/1932	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	1/24/1932	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	2/16/1932	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	6/6/1932	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	2/3/1933	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	5/30/1933	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	7/11/1933	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	2/21/1982	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	3/18/1983	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	5/10/1983	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	6/6/1983	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	12/11/1983	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	4/8/1985	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	10/26/1985	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	2/22/1988	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	7/29/1989	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	6/8/1991	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	9/3/1993	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	12/19/1993	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	1/1/1995	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	3/17/1995	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	12/12/1996	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	1/12/1998	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	10/22/1998	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/7/2000	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	4/18/2001	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	2/6/2005	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	2/21/2005	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	12/20/2006	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	7/14/2007	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	7/22/2008	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	10/30/2008	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	3/4/2009	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	4/17/2009	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	12/7/2011	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	5/8/2013	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	6/2/2013	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	4/6/2014	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	5/21/2014	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	9/10/2014	79	79	1.62	135.80	3593	22.4128%	Chloride	--	mg/L	500	28.3	#VALUE!	366016.8297
5439000	1/5/1929	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	4/16/1929	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	4/17/1929	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	7/2/1929	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	10/23/1980	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	12/12/1980	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	5/31/1987	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	3/28/1988	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	8/11/1989	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	2/5/1990	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	5/8/1991	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	4/24/1992	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	1/11/1993	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	5/4/1995	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	12/13/1996	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/6/1997	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	4/15/1997	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	4/27/2000	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	6/7/2000	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	7/1/2000	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	3/12/2001	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	3/28/2001	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	4/21/2001	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	3/16/2002	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	4/21/2002	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	5/7/2002	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	4/22/2004	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	2/13/2005	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	4/18/2007	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	8/16/2007	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	3/29/2008	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	4/22/2008	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	7/19/2008	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	3/5/2009	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	3/27/2010	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	11/27/2011	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	12/24/2011	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	1/3/2012	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	3/14/2012	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	4/16/2012	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	5/13/2012	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	5/10/2013	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	7/7/2013	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	7/10/2014	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	7/20/2015	78	78	1.62	134.18	3644	22.7310%	Chloride	--	mg/L	500	28.3	#VALUE!	361658.3066
5439000	6/3/1981	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/30/1981	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	11/24/1982	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	12/21/1982	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	1/5/1983	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	3/8/1983	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	4/26/1983	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	4/17/1984	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	5/4/1984	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	2/8/1986	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	10/29/1986	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	11/7/1987	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	1/14/1988	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	2/13/1990	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	12/9/1990	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	4/6/1991	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	2/24/1992	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	3/14/1992	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	1/14/1993	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	7/7/1993	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	7/2/1994	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	6/12/2001	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	4/18/2002	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	4/6/2004	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	3/8/2005	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	5/26/2006	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	1/5/2007	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	7/17/2007	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	3/30/2008	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	9/28/2008	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	4/18/2009	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	6/27/2009	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/5/2010	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	4/25/2010	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	2/27/2012	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	5/1/2015	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	6/4/2015	77	77	1.62	132.56	3689	23.0117%	Chloride	--	mg/L	500	28.3	#VALUE!	357299.7834
5439000	2/22/1926	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	2/18/1927	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	11/17/1927	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	1/9/1928	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	1/12/1928	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	2/16/1928	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	4/20/1928	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	1/2/1930	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	3/5/1930	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	4/30/1930	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	6/26/1931	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	11/30/1931	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	12/17/1931	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	1/30/1932	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	2/17/1932	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	4/6/1932	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	1/25/1933	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	4/12/1933	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	5/23/1933	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	5/21/1983	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	6/16/1984	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	1/2/1985	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	3/24/1985	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	10/7/1986	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	12/8/1986	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	2/7/1988	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/13/1989	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	1/18/1990	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	2/4/1990	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	3/5/1991	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	5/24/1991	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	6/11/1991	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	2/29/1992	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	10/22/1993	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	8/11/1994	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	2/27/1995	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	4/23/1995	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	2/10/1996	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	7/2/1996	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	8/16/1996	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	4/13/1997	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	5/14/1997	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	1/13/1998	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	3/4/1998	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	3/15/1998	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	5/25/1998	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	6/22/1998	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	6/25/1999	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	4/9/2001	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	4/19/2001	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	3/17/2002	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	4/19/2002	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	5/8/2002	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	1/20/2007	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	9/10/2007	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	6/2/2008	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	10/31/2008	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/12/2009	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	11/30/2009	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	5/23/2010	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	3/20/2011	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	3/21/2011	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	9/27/2011	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	2/4/2012	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	5/9/2013	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	5/20/2014	76	76	1.62	130.95	3726	23.2425%	Chloride	--	mg/L	500	28.3	#VALUE!	352941.2603
5439000	1/2/1929	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	1/23/1929	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	1/25/1929	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	2/26/1929	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	5/12/1929	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	5/15/1929	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	6/25/1929	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	5/9/1981	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	5/22/1981	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	2/27/1982	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	6/14/1983	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	7/16/1983	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	4/3/1984	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	12/13/1985	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	4/23/1988	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	3/30/1990	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	2/12/1991	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	4/25/1991	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	12/5/1991	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	1/28/1993	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	10/11/1993	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	12/20/1993	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/24/1995	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	11/20/1995	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	5/16/1996	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	7/1/1996	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	12/11/1998	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	11/11/2000	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	3/7/2001	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	12/29/2006	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	4/25/2008	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	11/10/2009	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	3/28/2010	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	4/15/2010	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	6/18/2010	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	4/11/2011	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	3/23/2013	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	5/23/2015	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	7/3/2015	75	75	1.62	129.33	3792	23.6542%	Chloride	--	mg/L	500	28.3	#VALUE!	348582.7371
5439000	11/23/1982	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	12/22/1982	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	1/6/1983	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	3/1/1983	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	5/11/1983	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	12/3/1983	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	2/29/1984	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	4/2/1984	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	4/13/1984	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	4/16/1984	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	4/18/1984	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	1/4/1985	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	2/23/1986	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	3/8/1986	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/3/1986	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	6/4/1986	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	9/11/1987	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	9/21/1987	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	12/16/1987	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	2/8/1988	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	4/19/1988	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	2/16/1990	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	5/30/1990	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	6/16/1990	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	8/24/1990	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	12/22/1990	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	2/11/1991	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	4/27/1991	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	3/1/1992	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	5/15/1993	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	3/11/1994	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	11/19/1994	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	11/21/1994	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	6/12/1995	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	7/5/1995	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	5/21/1997	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	5/27/1997	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	3/23/1999	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	3/11/2004	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	3/13/2006	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	4/18/2006	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	5/3/2006	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	5/18/2006	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	4/9/2007	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	8/6/2007	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/10/2008	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	7/1/2010	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	3/28/2011	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	6/24/2011	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	12/25/2011	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	4/14/2015	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	6/7/2015	74	74	1.62	127.71	3831	23.8974%	Chloride	--	mg/L	500	28.3	#VALUE!	344224.2139
5439000	10/8/1930	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	8/9/1980	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	6/26/1981	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	3/27/1982	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	4/25/1982	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	6/5/1982	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	3/7/1983	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	4/30/1983	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	4/7/1984	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	9/30/1987	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	11/25/1987	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	11/26/1987	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	4/20/1988	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	11/9/1990	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	3/6/1991	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	4/7/1991	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	11/7/1992	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	12/29/1992	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	12/2/1993	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	12/1/1994	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	1/2/1995	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	2/21/1998	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	3/16/1998	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	2/19/1999	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/26/1999	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	3/8/2001	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	4/20/2001	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	6/19/2002	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	5/25/2003	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	4/27/2004	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	3/7/2005	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	5/28/2006	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	6/12/2006	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	1/4/2007	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	5/27/2007	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	9/11/2007	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	5/19/2008	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	11/17/2008	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	11/15/2011	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	2/6/2012	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	3/15/2012	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	3/21/2013	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	4/17/2014	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	10/16/2014	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	3/19/2015	73	73	1.62	126.10	3883	24.2218%	Chloride	--	mg/L	500	28.3	#VALUE!	339865.6908
5439000	1/5/1926	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	2/23/1926	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	3/7/1926	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	10/17/1926	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	12/8/1926	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	12/12/1926	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	2/19/1927	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	4/13/1927	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	4/15/1927	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	5/7/1927	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/16/1927	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	5/19/1927	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	12/3/1927	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	1/8/1928	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	12/13/1928	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	1/8/1929	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	5/6/1929	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	5/23/1929	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	7/13/1929	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	1/25/1932	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	1/26/1932	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	3/9/1932	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	4/7/1932	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	12/28/1932	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	1/26/1933	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	4/18/1933	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	4/24/1980	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	8/26/1980	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	10/5/1980	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	4/19/1981	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	10/22/1981	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	11/25/1982	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	3/9/1983	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	6/16/1983	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	11/26/1983	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	12/16/1983	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	6/18/1984	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	12/18/1984	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	4/9/1985	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	6/5/1986	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	11/23/1986	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/8/1987	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	1/13/1988	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	2/9/1988	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	7/12/1989	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	9/17/1989	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	6/25/1990	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	5/9/1991	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	4/25/1992	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	9/9/1992	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	12/8/1992	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	8/1/1993	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	9/21/1993	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	10/23/1993	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	3/18/1995	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	3/28/1995	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	3/29/1995	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	3/30/1995	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	11/17/1995	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	5/6/1997	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	5/26/1998	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	3/29/2001	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	4/8/2001	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	2/26/2002	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	4/22/2002	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	2/28/2005	72	72	1.62	124.48	3928	24.5025%	Chloride	69.10	mg/L	500	28.3	46367.09057	335507.1676
5439000	1/6/2007	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	6/19/2007	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	6/28/2009	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	1/6/2010	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	5/8/2011	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	5/12/2011	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/3/2012	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	2/10/2013	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	7/9/2013	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	7/17/2014	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	5/2/2015	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	6/8/2015	72	72	1.62	124.48	3928	24.5025%	Chloride	--	mg/L	500	28.3	#VALUE!	335507.1676
5439000	5/26/1929	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	10/25/1980	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	5/10/1981	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	8/14/1981	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	6/7/1983	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	4/10/1985	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	10/19/1985	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	4/17/1987	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	11/20/1987	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	11/27/1987	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	2/19/1988	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	2/22/1990	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	7/4/1990	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	4/26/1991	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	6/9/1991	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	11/20/1994	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	4/24/1995	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	7/4/1995	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	12/16/1996	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	2/23/2001	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	3/18/2002	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	5/16/2006	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	5/17/2006	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	12/30/2006	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	11/11/2009	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/1/2009	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	4/16/2010	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	5/25/2010	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	7/11/2015	71	71	1.62	122.86	4006	24.9891%	Chloride	--	mg/L	500	28.3	#VALUE!	331148.6445
5439000	3/6/1930	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	6/15/1982	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	4/27/1983	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	4/28/1983	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	5/12/1983	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	6/11/1984	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	3/27/1985	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	1/18/1986	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	1/22/1986	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	3/22/1986	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	6/17/1986	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	11/25/1986	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	10/1/1987	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	12/17/1987	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	2/10/1988	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	3/6/1989	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	3/31/1990	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	4/1/1990	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	4/17/1990	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	5/31/1990	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	8/19/1990	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	2/21/1991	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	12/7/1991	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	1/18/1992	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	11/9/1992	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	12/27/1992	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	1/15/1993	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/5/1993	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	10/9/1993	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	3/25/1994	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	1/7/1995	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	1/25/1995	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	2/19/1995	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	5/5/1995	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	3/25/1997	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	3/29/1997	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	4/16/1997	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	5/2/1997	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	7/10/1998	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	5/31/1999	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	3/11/2001	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	4/20/2002	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	4/24/2002	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	2/5/2005	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	5/6/2007	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	6/18/2008	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	10/3/2008	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	2/20/2009	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	1/22/2012	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	7/11/2014	70	70	1.62	121.25	4035	25.1700%	Chloride	--	mg/L	500	28.3	#VALUE!	326790.1213
5439000	4/6/1926	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	4/18/1926	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	8/22/1926	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	12/9/1926	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	12/10/1926	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	12/11/1926	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	2/20/1927	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	3/31/1927	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/11/1927	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	5/8/1927	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	5/18/1927	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	3/29/1928	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	4/4/1928	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	4/21/1928	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	5/14/1929	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	5/18/1929	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	6/28/1929	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	4/2/1980	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	6/10/1980	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	3/2/1981	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	12/4/1983	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	4/12/1984	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	12/19/1984	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	12/22/1984	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	6/11/1986	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	7/18/1986	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	2/28/1988	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	2/29/1988	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	3/13/1989	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	6/21/1990	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	8/5/1990	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	4/8/1991	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	10/24/1993	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	12/15/1996	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	6/26/1997	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	2/22/1998	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	2/26/1998	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	5/27/1998	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	6/23/1998	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/24/1999	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	5/27/1999	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	5/28/1999	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	4/10/2001	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	3/4/2004	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	4/7/2004	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	6/28/2006	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	1/2/2007	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	1/3/2007	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	5/7/2007	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	6/7/2007	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	7/28/2007	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	1/8/2009	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	7/12/2010	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	7/27/2010	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	12/27/2011	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	5/14/2012	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	6/18/2013	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	7/10/2013	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	10/15/2014	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	6/5/2015	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	7/4/2015	69	69	1.62	119.63	4085	25.4819%	Chloride	--	mg/L	500	28.3	#VALUE!	322431.5982
5439000	12/5/1928	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	12/18/1931	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	12/19/1931	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	1/10/1932	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	1/28/1932	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	5/7/1932	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	2/26/1933	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	3/26/1933	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	4/17/1933	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/31/1933	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	10/6/1980	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	2/26/1981	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	5/23/1981	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	7/15/1982	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	11/17/1982	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	1/7/1983	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	4/14/1984	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	4/15/1984	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	6/16/1987	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	2/24/1988	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	2/26/1988	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	4/20/1990	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	4/21/1990	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	6/1/1990	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	12/18/1991	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	2/21/1992	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	2/3/1993	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	2/8/1993	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	12/18/1993	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	3/19/1995	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	6/13/1995	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	3/17/1997	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	3/26/1997	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	3/27/1997	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	3/28/1997	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	4/17/1997	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	5/18/1997	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	6/12/1997	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	1/14/1998	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	12/12/1998	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/26/1999	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	3/2/2000	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	5/15/2000	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	6/8/2000	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	7/8/2000	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	11/9/2000	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	6/13/2001	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	4/28/2004	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	6/23/2004	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	12/4/2006	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	4/19/2007	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	5/28/2007	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	4/23/2008	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	1/7/2010	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	4/4/2010	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	5/27/2010	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	4/16/2011	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	4/7/2014	68	68	1.62	118.01	4146	25.8624%	Chloride	--	mg/L	500	28.3	#VALUE!	318073.075
5439000	3/7/1930	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	4/2/1930	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	5/1/1930	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	12/29/1979	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	9/6/1980	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	10/7/1980	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	11/3/1982	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	3/2/1983	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	6/12/1984	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	12/21/1984	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	7/1/1985	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	2/11/1988	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	2/18/1988	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/21/1988	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	4/22/1988	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	6/2/1990	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	6/26/1990	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	4/29/1991	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	5/10/1991	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	6/10/1991	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	1/20/1993	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	12/21/1993	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	3/2/1994	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	12/2/1994	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	3/20/1995	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	3/31/1995	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	6/16/1995	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	8/15/1995	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	5/15/1997	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	2/24/1998	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	3/5/1998	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	7/6/1998	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	11/15/1998	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	4/28/2000	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	4/22/2001	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	3/1/2004	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	3/9/2005	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	12/5/2006	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	1/8/2007	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	4/10/2007	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	4/24/2008	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	4/26/2008	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	11/13/2008	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	1/9/2009	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/29/2009	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	11/12/2009	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	2/1/2010	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	3/19/2011	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	5/9/2011	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	7/24/2011	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	12/26/2011	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	2/28/2012	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	3/16/2012	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	5/11/2013	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	4/15/2015	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	4/20/2015	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	7/21/2015	67	67	1.62	116.39	4204	26.2242%	Chloride	--	mg/L	500	28.3	#VALUE!	313714.5519
5439000	4/19/1926	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	4/20/1926	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	9/19/1926	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	2/12/1927	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	4/12/1927	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	4/14/1927	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	5/20/1927	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	6/10/1927	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	12/4/1927	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	12/7/1927	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	12/8/1927	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	1/13/1928	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	1/22/1928	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	3/31/1928	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	8/6/1928	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	5/13/1929	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	6/26/1929	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	8/3/1929	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/26/1982	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	11/20/1982	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	4/29/1983	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	6/8/1983	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	6/10/1983	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	11/4/1984	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	12/14/1985	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	9/12/1987	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	9/22/1987	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	2/25/1988	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	11/16/1988	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	4/2/1990	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	4/22/1990	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	12/23/1990	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	12/6/1991	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	3/15/1992	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	4/11/1992	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	4/26/1992	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	5/16/1993	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	5/17/1993	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	6/15/1995	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	11/18/1995	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	11/19/1995	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	5/17/1996	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	8/18/1996	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	4/19/1997	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	5/22/1997	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	2/23/1998	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	5/29/1998	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	12/6/1998	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	3/3/1999	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/22/1999	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	7/15/2000	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	3/30/2001	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	3/31/2001	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	4/5/2001	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	4/23/2001	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	4/27/2002	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	6/20/2002	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	5/30/2003	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	1/17/2005	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	2/22/2005	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	12/3/2006	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	7/26/2007	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	5/9/2010	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	5/24/2010	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	3/29/2011	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	5/10/2011	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	11/28/2011	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	12/8/2011	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	2/13/2013	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	6/15/2014	66	66	1.62	114.78	4261	26.5798%	Chloride	--	mg/L	500	28.3	#VALUE!	309356.0287
5439000	12/26/1928	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	12/20/1931	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	1/27/1932	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	5/10/1932	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	4/13/1933	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	4/19/1933	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	5/24/1933	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	3/20/1980	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	4/25/1980	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	10/16/1980	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/4/1981	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	6/27/1981	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	8/1/1982	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	7/17/1983	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	4/8/1984	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	5/5/1984	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	6/17/1984	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	3/26/1985	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	4/11/1985	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	3/23/1986	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	10/8/1986	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	4/14/1987	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	4/30/1987	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	10/2/1987	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	1/12/1988	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	2/12/1988	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	9/4/1989	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	9/18/1989	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	12/31/1990	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	2/23/1992	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	3/2/1992	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	3/29/1992	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	4/15/1992	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	12/10/1992	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	1/16/1993	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	3/1/1994	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	8/14/1994	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	1/26/1995	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	11/21/1995	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	12/14/1996	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	5/23/1997	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/28/1997	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	2/8/1998	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	5/28/1998	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	6/24/1998	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	10/23/1998	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	2/20/1999	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	2/28/1999	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	3/19/2002	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	4/23/2002	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	5/29/2003	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	4/8/2004	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	3/10/2005	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	1/7/2007	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	2/22/2008	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	10/11/2008	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	12/2/2009	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	3/29/2010	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	4/12/2011	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	6/25/2011	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	8/23/2011	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	12/30/2011	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	1/1/2012	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	1/31/2013	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	3/22/2013	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	3/26/2015	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	7/12/2015	65	65	1.62	113.16	4331	27.0164%	Chloride	--	mg/L	500	28.3	#VALUE!	304997.5056
5439000	5/2/1930	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	9/26/1930	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	3/31/1931	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	2/22/1980	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	10/8/1980	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/13/1980	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	5/24/1981	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	10/23/1981	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	3/3/1983	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	3/1/1984	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	3/16/1984	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	4/19/1984	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	1/3/1985	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	3/25/1985	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	12/16/1985	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	1/3/1988	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	2/16/1988	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	2/17/1988	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	2/20/1988	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	3/1/1988	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	8/12/1989	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	4/23/1990	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	2/13/1991	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	4/28/1991	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	1/19/1992	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	3/24/1992	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	8/26/1993	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	7/3/1994	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	11/3/1994	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	3/6/1998	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	3/10/1999	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	5/29/1999	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	2/27/2002	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	3/20/2002	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	3/1/2005	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	5/19/2006	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/12/2007	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	1/17/2008	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	5/20/2008	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	11/1/2008	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	11/13/2009	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	1/8/2010	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	4/17/2010	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	5/11/2011	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	12/31/2011	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	1/4/2012	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	2/7/2012	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	3/31/2013	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	6/3/2013	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	3/28/2014	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	6/9/2015	64	64	1.62	111.54	4398	27.4343%	Chloride	--	mg/L	500	28.3	#VALUE!	300638.9824
5439000	10/18/1926	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	2/13/1927	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	5/17/1927	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	5/21/1927	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	5/22/1927	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	4/18/1929	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	5/7/1929	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	6/30/1929	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	7/3/1929	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	4/20/1981	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	11/28/1984	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	10/30/1986	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	11/26/1986	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	5/2/1987	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	11/23/1987	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	2/13/1988	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/14/1988	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	2/15/1988	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	3/2/1988	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	3/14/1989	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	2/24/1990	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	4/4/1990	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	5/11/1991	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	6/15/1991	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	1/10/1992	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	3/16/1992	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	3/17/1992	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	3/27/1992	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	11/8/1992	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	7/8/1993	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	12/28/1993	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	3/28/1994	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	3/27/1995	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	4/25/1995	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	5/6/1995	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	6/14/1995	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	6/17/1995	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	11/3/1995	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	12/17/1996	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	5/1/1997	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	2/9/1998	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	11/16/1998	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	3/2/1999	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	6/27/1999	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	3/3/2000	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	5/16/2000	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	4/1/2001	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/15/2001	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	5/10/2002	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	5/26/2003	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	2/25/2004	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	4/23/2004	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	6/24/2004	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	2/10/2005	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	4/30/2006	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	5/13/2006	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	5/15/2006	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	1/26/2007	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	5/8/2007	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	4/28/2008	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	11/19/2008	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	8/30/2009	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	2/2/2010	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	8/20/2011	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	12/3/2011	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	1/25/2012	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	1/31/2012	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	3/17/2012	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	5/15/2012	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	3/29/2014	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	5/17/2014	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	7/18/2014	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	4/16/2015	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	6/6/2015	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	7/5/2015	63	63	1.62	109.93	4449	27.7525%	Chloride	--	mg/L	500	28.3	#VALUE!	296280.4593
5439000	10/16/1927	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	1/15/1928	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	4/22/1928	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/30/1928	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	7/10/1928	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	7/26/1928	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	12/6/1928	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	12/27/1928	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	1/9/1929	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	1/26/1929	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	1/3/1930	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	3/8/1930	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	4/3/1930	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	10/9/1930	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	12/1/1931	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	12/21/1931	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	12/22/1931	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	1/31/1932	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	1/28/1933	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	4/14/1933	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	11/27/1979	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	12/30/1979	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	10/26/1980	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	2/27/1981	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	6/29/1981	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	10/2/1981	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	6/6/1982	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	3/4/1983	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	3/10/1983	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	6/9/1983	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	4/9/1984	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	6/6/1986	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	9/23/1987	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	11/22/1987	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/15/1989	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	5/26/1989	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	6/7/1989	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	2/18/1990	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	7/23/1990	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	11/10/1990	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	12/24/1990	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	3/16/1991	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	4/30/1991	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	12/19/1991	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	4/27/1992	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	12/9/1992	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	5/18/1993	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	8/2/1993	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	12/3/1993	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	3/3/1994	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	3/4/1994	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	3/29/1994	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	3/21/1995	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	4/1/1995	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	8/17/1996	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	3/18/1997	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	12/13/1998	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	5/30/1999	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	7/9/2000	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	6/14/2001	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	10/27/2001	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	4/25/2002	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	5/4/2006	62	62	1.62	108.31	4524	28.2203%	Chloride	77.10	mg/L	500	28.3	45014.36255	291921.9361
5439000	1/17/2007	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	12/28/2007	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/6/2008	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	8/8/2010	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	3/30/2011	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	4/4/2011	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	6/26/2011	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	6/27/2011	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	4/8/2014	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	4/18/2014	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	8/6/2014	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	3/20/2015	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	3/27/2015	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	6/11/2015	62	62	1.62	108.31	4524	28.2203%	Chloride	--	mg/L	500	28.3	#VALUE!	291921.9361
5439000	4/26/1980	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	6/28/1981	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	11/26/1982	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	3/6/1983	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	6/4/1987	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	11/9/1987	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	11/21/1987	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	3/26/1988	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	8/14/1989	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	6/3/1990	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	7/5/1990	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	3/3/1992	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	3/30/1992	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	4/29/1992	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	12/11/1992	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	12/28/1992	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	3/18/1993	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	5/23/1993	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	12/22/1993	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/25/1993	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	12/3/1994	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	1/22/1995	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	5/29/1997	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	2/25/1998	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	3/4/1999	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	4/7/2002	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	7/10/2003	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	4/24/2004	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	2/24/2005	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	11/2/2008	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	11/12/2008	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	11/18/2008	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	1/9/2010	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	3/30/2010	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	7/2/2010	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	11/16/2011	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	5/31/2012	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	4/10/2013	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	3/21/2015	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	4/17/2015	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	6/10/2015	61	61	1.62	106.69	4601	28.7006%	Chloride	--	mg/L	500	28.3	#VALUE!	287563.413
5439000	3/19/1926	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	4/21/1926	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	4/25/1926	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	6/23/1926	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	6/11/1927	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	6/24/1927	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	12/28/1928	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	5/11/1929	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	5/19/1929	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/27/1929	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	6/27/1929	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	10/9/1980	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	3/2/1982	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	3/28/1982	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	6/16/1982	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	11/21/1982	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	12/5/1983	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	12/17/1983	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	5/6/1984	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	12/23/1984	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	12/17/1985	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	2/19/1986	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	6/7/1986	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	12/12/1986	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	4/18/1987	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	5/1/1987	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	9/24/1987	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	1/11/1988	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	3/25/1988	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	6/27/1990	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	8/13/1990	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	1/9/1992	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	2/22/1992	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	7/16/1992	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	1/29/1993	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	2/12/1993	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	10/12/1993	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	12/29/1993	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	3/26/1994	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	12/23/1994	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/8/1995	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	6/18/1995	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	5/18/1996	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	8/19/1996	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	4/18/1997	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	4/20/1997	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	5/24/1997	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	1/15/1998	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	3/7/1998	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	5/30/1998	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	5/31/1998	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	2/27/1999	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	3/1/1999	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	3/5/1999	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	3/25/1999	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	4/9/1999	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	4/4/2001	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	3/29/2002	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	6/2/2003	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	12/13/2003	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	2/23/2005	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	4/19/2006	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	12/8/2006	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	1/18/2008	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	2/13/2008	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	6/19/2008	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	3/31/2010	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	4/18/2010	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	1/5/2011	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	3/31/2011	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	9/26/2011	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/9/2011	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	12/28/2011	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	12/29/2011	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	1/21/2012	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	3/18/2012	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	3/19/2012	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	5/16/2012	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	1/29/2013	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	2/14/2013	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	5/12/2013	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	6/19/2013	60	60	1.62	105.07	4642	28.9564%	Chloride	--	mg/L	500	28.3	#VALUE!	283204.8898
5439000	10/4/1927	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	11/18/1927	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	12/5/1927	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	12/30/1927	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	5/20/1928	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	12/7/1928	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	3/9/1930	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	3/10/1930	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	6/26/1930	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	8/27/1980	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	7/1/1981	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	8/17/1981	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	8/29/1981	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	1/10/1983	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	4/12/1985	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	10/27/1985	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	7/19/1986	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	3/1/1987	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	6/17/1987	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	9/13/1987	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/24/1988	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	9/19/1989	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	4/3/1990	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	4/18/1990	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	4/24/1990	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	8/28/1990	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	2/23/1991	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	4/28/1992	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	6/5/1993	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	5/7/1995	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	3/30/1997	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	4/21/1997	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	5/16/1997	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	2/10/1998	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	7/3/1998	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	2/21/1999	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	3/4/2000	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	4/29/2000	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	6/9/2000	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	3/9/2001	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	4/2/2001	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	3/21/2002	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	6/21/2002	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	3/11/2005	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	5/20/2005	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	3/14/2006	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	5/14/2006	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	5/27/2006	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	6/13/2006	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	1/15/2007	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	5/10/2007	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/4/2008	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	1/5/2008	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	6/30/2009	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	11/14/2009	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	6/15/2010	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	12/31/2010	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	4/13/2011	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	7/28/2011	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	1/2/2012	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	1/26/2012	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	1/28/2013	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	3/30/2013	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	5/14/2013	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	7/11/2013	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	3/26/2014	59	59	1.62	103.46	4724	29.4679%	Chloride	--	mg/L	500	28.3	#VALUE!	278846.3667
5439000	12/29/1928	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	6/10/1931	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	12/5/1931	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	12/23/1931	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	4/8/1932	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	6/8/1932	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	1/21/1933	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	1/29/1933	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	3/25/1933	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	4/15/1933	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	4/16/1933	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	4/20/1933	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	6/1/1933	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	7/7/1933	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	12/31/1979	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	4/1/1980	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/27/1980	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	2/19/1981	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	6/5/1981	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	10/6/1981	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	2/28/1982	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	3/1/1982	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	1/8/1983	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	5/7/1984	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	1/5/1985	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	4/13/1985	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	10/20/1985	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	12/15/1985	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	3/25/1986	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	10/31/1986	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	9/28/1987	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	11/16/1987	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	2/14/1990	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	2/14/1991	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	3/28/1992	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	9/22/1993	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	11/4/1994	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	12/12/1994	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	2/22/1995	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	7/3/1996	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	4/6/1997	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	6/25/1998	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	6/28/1999	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	3/10/2001	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	3/5/2002	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	5/27/2003	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	3/3/2004	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/12/2004	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	4/29/2004	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	5/12/2006	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	1/9/2007	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	4/20/2007	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	5/9/2007	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	5/31/2007	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	7/15/2007	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	12/29/2007	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	11/3/2008	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	11/7/2008	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	1/10/2009	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	12/3/2009	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	1/10/2010	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	5/28/2010	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	4/1/2011	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	4/1/2013	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	6/6/2013	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	7/22/2015	58	58	1.62	101.84	4790	29.8796%	Chloride	--	mg/L	500	28.3	#VALUE!	274487.8435
5439000	10/20/1926	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	5/8/1929	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	6/29/1929	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	7/14/1929	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	10/27/1980	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	12/14/1980	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	4/21/1981	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	5/25/1981	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	6/7/1982	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	7/16/1982	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	11/18/1982	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	1/9/1983	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/5/1983	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	6/17/1983	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	7/18/1983	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	4/20/1984	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	6/19/1984	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	12/12/1985	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	4/25/1988	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	4/26/1988	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	4/27/1988	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	4/5/1990	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	4/10/1990	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	4/19/1990	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	1/11/1992	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	3/19/1993	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	5/19/1993	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	5/20/1993	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	7/9/1993	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	12/6/1993	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	1/27/1995	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	6/19/1995	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	8/23/1996	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	4/12/1997	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	5/17/1997	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	3/26/1999	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	4/3/2001	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	4/24/2001	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	2/28/2002	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	2/26/2004	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	2/25/2005	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	5/26/2007	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	6/1/2007	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/21/2008	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	7/17/2008	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	10/15/2008	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	12/9/2009	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	3/4/2010	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	4/19/2010	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	5/10/2010	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	4/15/2011	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	11/29/2011	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	2/8/2012	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	3/20/2012	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	5/13/2013	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	6/4/2013	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	10/17/2014	57	57	1.62	100.22	4856	30.2913%	Chloride	--	mg/L	500	28.3	#VALUE!	270129.3203
5439000	10/6/1927	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	10/17/1927	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	12/16/1927	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	1/14/1928	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	3/8/1928	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	3/26/1928	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	3/30/1928	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	4/23/1928	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	11/8/1928	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	12/8/1928	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	11/1/1929	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	3/11/1930	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	5/3/1930	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	4/28/1980	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	4/29/1980	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	6/11/1980	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	10/10/1980	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/29/1982	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	4/27/1982	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	8/2/1982	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	11/22/1982	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	12/6/1983	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	12/20/1984	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	4/14/1985	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	3/26/1986	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	12/14/1986	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	9/25/1987	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	11/24/1987	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	5/12/1991	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	12/20/1991	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	1/12/1992	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	1/20/1992	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	3/4/1992	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	1/19/1993	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	1/30/1993	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	5/24/1993	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	10/16/1993	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	12/4/1993	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	12/31/1993	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	11/22/1994	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	1/28/1995	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	3/22/1995	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	4/2/1995	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	2/11/1996	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	4/5/1997	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	2/22/1999	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	3/7/1999	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	5/9/2000	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/12/2000	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	2/4/2001	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	6/22/2002	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	5/28/2003	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	7/9/2003	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	6/25/2004	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	3/2/2005	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	5/20/2006	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	4/21/2007	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	5/29/2007	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	4/27/2008	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	10/12/2008	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	11/20/2008	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	1/11/2010	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	4/1/2010	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	4/3/2010	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	3/10/2014	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	3/27/2014	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	6/16/2014	56	56	1.62	98.61	4913	30.6469%	Chloride	--	mg/L	500	28.3	#VALUE!	265770.7972
5439000	12/30/1928	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	4/1/1931	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	5/11/1932	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	1/30/1933	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	3/20/1933	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	5/25/1933	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	6/5/1933	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	7/12/1933	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	10/28/1980	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	5/27/1981	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	10/24/1981	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	12/2/1981	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/5/1982	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	11/19/1982	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	3/11/1983	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	6/11/1983	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	11/27/1984	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	9/26/1987	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	10/5/1987	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	11/10/1987	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	2/17/1990	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	4/25/1990	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	6/28/1990	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	3/5/1992	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	10/6/1993	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	10/13/1993	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	2/17/1994	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	3/30/1994	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	7/4/1994	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	12/4/1994	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	12/5/1994	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	12/7/1994	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	12/18/1994	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	12/19/1994	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	12/20/1994	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	1/9/1995	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	1/29/1995	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	6/20/1995	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	7/6/1995	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	11/22/1995	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	3/19/1997	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	5/30/1997	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	2/4/1998	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/14/1998	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	2/23/1999	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	3/27/1999	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	5/17/2000	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	7/16/2000	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	2/19/2002	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	4/30/2004	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	3/4/2005	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	5/29/2006	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	9/13/2007	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	10/4/2008	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	10/7/2008	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	4/20/2010	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	4/14/2011	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	6/28/2011	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	12/10/2011	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	2/20/2013	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	7/19/2014	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	4/18/2015	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	4/19/2015	55	55	1.62	96.99	4980	31.0648%	Chloride	--	mg/L	500	28.3	#VALUE!	261412.274
5439000	2/1/1926	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	3/8/1926	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	4/23/1926	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	4/24/1926	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	4/28/1926	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	7/5/1926	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	9/20/1926	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	10/19/1926	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	10/21/1926	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	12/15/1926	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	6/12/1927	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/15/1928	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	5/9/1929	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	5/28/1929	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	11/11/1929	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	5/4/1930	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	11/20/1931	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	12/6/1931	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	12/24/1931	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	1/11/1932	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	1/12/1932	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	3/10/1932	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	3/3/1981	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	1/11/1983	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	3/2/1984	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	4/10/1984	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	12/27/1984	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	4/15/1985	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	3/24/1986	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	6/8/1986	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	6/12/1986	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	6/5/1987	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	9/14/1987	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	9/16/1987	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	1/10/1988	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	7/23/1989	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	8/15/1989	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	9/5/1989	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	4/28/1990	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	6/4/1990	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	6/5/1990	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	6/8/1990	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/25/1990	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	12/25/1990	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	1/1/1991	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	2/15/1991	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	3/7/1991	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	5/1/1991	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	1/13/1992	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	3/18/1992	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	5/1/1992	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	12/12/1992	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	1/17/1993	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	5/21/1993	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	5/22/1993	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	10/25/1993	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	12/24/1993	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	1/30/1995	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	2/28/1995	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	6/28/1995	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	3/31/1997	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	2/5/1998	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	6/28/1998	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	7/11/1998	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	10/24/1998	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	3/15/1999	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	3/28/1999	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	8/8/2000	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	4/25/2001	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	6/22/2001	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	3/22/2002	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	4/26/2002	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	1/18/2005	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/4/2006	54	54	1.62	95.37	5043	31.4578%	Chloride	194.00	mg/L	500	28.3	99736.85534	257053.7509
5439000	5/5/2006	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	6/29/2006	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	1/19/2007	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	8/17/2007	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	1/19/2008	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	7/23/2008	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	11/8/2008	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	1/11/2009	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	7/1/2009	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	12/16/2009	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	6/16/2010	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	7/3/2010	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	1/5/2012	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	1/17/2012	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	1/18/2012	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	2/9/2012	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	2/10/2012	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	3/27/2013	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	6/5/2013	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	6/20/2013	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	3/30/2014	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	4/1/2014	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	4/19/2014	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	5/18/2014	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	4/2/2015	54	54	1.62	95.37	5043	31.4578%	Chloride	--	mg/L	500	28.3	#VALUE!	257053.7509
5439000	12/9/1927	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	7/27/1928	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	8/7/1928	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	11/9/1928	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	12/31/1928	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/10/1929	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	3/21/1980	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	6/15/1980	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	10/11/1980	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	12/15/1980	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	7/17/1982	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	8/6/1982	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	4/21/1984	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	5/8/1984	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	7/3/1985	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	6/18/1986	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	11/1/1986	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	8/1/1987	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	9/27/1987	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	10/3/1987	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	10/4/1987	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	11/12/1987	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	3/27/1988	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	12/21/1991	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	3/19/1992	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	4/30/1992	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	8/15/1993	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	12/5/1993	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	12/23/1993	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	6/23/1994	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	11/23/1994	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	11/24/1994	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	1/31/1995	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	3/23/1995	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	4/3/1995	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	5/19/1996	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/20/1997	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	3/21/1997	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	6/2/1998	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	3/11/1999	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	5/18/2000	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	6/10/2000	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	4/26/2001	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	6/16/2001	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	3/30/2002	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	6/23/2002	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	2/11/2005	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	3/3/2005	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	3/12/2005	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	6/14/2006	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	4/22/2007	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	6/8/2007	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	4/29/2008	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	10/5/2008	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	11/4/2008	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	2/21/2009	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	2/3/2010	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	4/2/2010	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	4/21/2010	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	5/29/2010	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	4/17/2011	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	1/6/2012	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	2/24/2012	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	5/17/2012	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	6/1/2012	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	3/29/2013	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	5/15/2013	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/31/2014	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	4/9/2014	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	8/5/2014	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	4/21/2015	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	7/23/2015	53	53	1.62	93.75	5142	32.0754%	Chloride	--	mg/L	500	28.3	#VALUE!	252695.2277
5439000	1/4/1930	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	3/12/1930	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	4/4/1930	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	5/5/1930	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	5/6/1930	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	5/7/1930	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	3/21/1931	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	4/9/1932	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	12/29/1932	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	1/31/1933	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	4/21/1933	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	6/2/1933	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	6/29/1933	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	6/14/1980	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	3/4/1981	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	6/6/1981	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	10/25/1981	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	12/3/1981	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	11/27/1982	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	1/13/1983	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	7/19/1983	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	12/18/1983	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	4/11/1984	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	7/2/1985	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	2/9/1986	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	3/28/1986	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/9/1986	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	9/15/1987	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	11/1/1987	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	11/11/1987	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	2/21/1988	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	6/8/1989	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	9/20/1989	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	4/26/1990	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	6/6/1990	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	7/6/1990	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	11/11/1990	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	12/28/1990	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	2/18/1991	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	5/13/1991	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	5/14/1991	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	6/16/1991	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	3/22/1992	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	2/9/1993	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	7/10/1993	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	9/23/1993	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	12/30/1993	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	3/31/1994	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	12/21/1994	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	12/22/1994	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	6/21/1995	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	7/4/1996	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	8/20/1996	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	3/22/1997	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	2/7/1998	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	6/1/1998	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	10/28/1998	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/15/1998	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	3/5/2000	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	5/1/2000	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	6/21/2001	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	3/4/2002	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	6/3/2003	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	3/5/2005	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	5/24/2006	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	1/11/2007	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	5/11/2007	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	7/29/2007	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	12/12/2007	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	5/2/2008	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	6/20/2008	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	10/13/2008	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	10/14/2008	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	12/4/2009	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	4/24/2010	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	4/26/2010	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	7/28/2010	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	4/2/2011	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	11/17/2011	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	12/11/2011	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	4/17/2012	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	3/25/2013	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	7/12/2013	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	5/22/2014	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	3/22/2015	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	3/25/2015	52	52	1.62	92.14	5214	32.5245%	Chloride	--	mg/L	500	28.3	#VALUE!	248336.7046
5439000	3/20/1926	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	10/22/1926	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/10/1929	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	5/20/1929	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	7/4/1929	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	7/26/1929	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	7/4/1931	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	12/2/1931	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	12/4/1931	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	2/18/1932	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	2/19/1932	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	6/12/1980	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	10/29/1980	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	5/26/1981	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	7/2/1981	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	6/12/1983	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	5/9/1984	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	3/29/1986	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	6/10/1986	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	6/30/1986	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	12/7/1986	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	12/15/1986	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	4/19/1987	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	5/3/1987	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	10/6/1987	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	11/13/1987	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	2/19/1990	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	4/27/1990	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	11/19/1991	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	3/31/1992	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	1/18/1993	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	3/2/1993	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	12/9/1994	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/10/1994	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	12/17/1994	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	6/29/1995	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	3/24/1997	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	4/7/1997	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	1/16/1998	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	6/26/1998	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	10/29/1998	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	11/17/1998	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	2/24/1999	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	6/29/1999	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	4/30/2000	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	5/19/2000	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	8/1/2000	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	2/8/2001	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	3/23/2002	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	4/2/2002	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	4/30/2003	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	5/1/2004	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	5/10/2004	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	12/8/2004	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	2/12/2005	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	2/26/2005	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	2/27/2005	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	3/6/2005	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	1/16/2007	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	4/23/2007	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	2/22/2009	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	11/15/2009	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	1/12/2010	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	8/9/2010	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/3/2011	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	3/21/2012	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	4/10/2014	51	51	1.62	90.52	5300	33.0609%	Chloride	--	mg/L	500	28.3	#VALUE!	243978.1814
5439000	10/3/1927	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	10/18/1927	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	11/19/1927	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	12/6/1927	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	12/14/1927	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	12/15/1927	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	2/7/1928	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	2/8/1928	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	2/9/1928	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	2/22/1928	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	3/10/1928	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	4/24/1928	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	6/21/1928	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	1/27/1929	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	2/24/1980	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	4/30/1980	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	6/13/1980	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	12/16/1980	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	3/5/1981	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	10/7/1981	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	10/17/1981	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	4/28/1982	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	6/8/1982	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	11/4/1982	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	11/5/1982	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	3/12/1983	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	3/13/1983	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	12/21/1983	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/6/1985	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	2/21/1985	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	3/27/1986	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	11/27/1986	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	12/13/1986	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	1/4/1988	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	1/9/1988	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	3/3/1988	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	1/29/1989	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	6/7/1990	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	12/26/1990	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	2/17/1991	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	5/2/1991	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	12/22/1991	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	1/21/1992	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	5/2/1992	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	12/13/1992	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	3/20/1993	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	8/3/1993	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	9/4/1993	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	10/7/1993	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	10/14/1993	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	11/25/1994	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	12/6/1994	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	1/10/1995	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	1/11/1995	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	2/1/1995	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	2/6/1995	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	11/23/1995	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	1/4/1997	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	1/7/1997	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/23/1997	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	4/1/1997	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	5/31/1997	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	12/16/1998	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	2/25/1999	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	3/8/1999	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	4/27/2001	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	11/25/2001	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	3/1/2002	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	3/14/2004	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	6/26/2004	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	1/12/2007	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	1/18/2007	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	9/14/2007	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	1/20/2008	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	10/16/2008	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	11/5/2008	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	1/19/2009	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	2/6/2009	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	3/3/2010	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	1/19/2012	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	1/20/2012	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	2/11/2012	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	2/12/2012	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	3/22/2012	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	3/23/2012	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	3/24/2012	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	5/18/2012	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	1/11/2013	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	6/7/2013	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	8/30/2013	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/17/2014	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	7/20/2014	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	9/11/2014	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	3/23/2015	50	50	1.62	88.90	5367	33.4789%	Chloride	--	mg/L	500	28.3	#VALUE!	239619.6583
5439000	11/2/1929	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	11/12/1929	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	1/1/1930	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	1/5/1930	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	3/13/1930	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	3/20/1930	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	4/5/1930	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	7/11/1930	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	4/10/1932	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	2/4/1933	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	2/27/1933	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	3/19/1933	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	3/24/1933	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	7/8/1933	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	10/30/1980	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	7/20/1983	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	3/3/1984	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	10/28/1984	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	11/5/1984	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	4/16/1985	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	7/5/1985	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	6/6/1987	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	6/12/1989	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	9/21/1989	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	4/6/1990	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	7/19/1990	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	1/26/1992	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/3/1992	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	7/17/1992	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	9/12/1992	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	6/6/1993	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	8/16/1993	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	4/1/1994	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	10/31/1994	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	12/11/1994	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	2/23/1995	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	4/22/1997	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	2/3/1998	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	2/6/1998	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	3/6/1999	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	3/29/1999	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	4/15/1999	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	7/1/1999	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	6/17/2001	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	6/18/2001	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	3/24/2002	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	6/24/2002	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	2/27/2004	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	4/20/2006	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	5/21/2006	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	5/30/2007	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	12/30/2007	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	4/30/2008	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	5/22/2008	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	2/25/2009	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	7/2/2009	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	8/26/2009	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	12/17/2009	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/22/2010	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	6/12/2010	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	8/24/2011	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	12/12/2011	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	1/27/2012	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	1/28/2012	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	3/28/2013	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	8/31/2013	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	11/6/2013	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	4/20/2014	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	4/29/2014	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	10/3/2014	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	3/28/2015	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	4/3/2015	49	49	1.62	87.29	5461	34.0652%	Chloride	--	mg/L	500	28.3	#VALUE!	235261.1351
5439000	1/19/1926	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	4/22/1926	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	4/26/1926	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	4/27/1926	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	6/24/1926	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	8/23/1926	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	10/24/1926	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	1/30/1927	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	3/2/1927	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	5/29/1929	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	7/11/1929	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	12/3/1931	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	12/7/1931	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	12/25/1931	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	12/31/1931	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	2/1/1932	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	3/11/1932	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/12/1932	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	8/28/1980	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	8/31/1980	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	10/14/1980	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	10/31/1980	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	6/7/1981	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	6/9/1981	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	6/18/1983	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	12/7/1983	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	11/10/1984	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	6/18/1987	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	1/13/1989	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	1/30/1989	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	3/7/1989	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	1/28/1990	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	4/9/1990	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	7/24/1990	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	2/16/1991	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	5/15/1991	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	11/18/1991	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	1/25/1992	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	1/27/1992	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	5/4/1992	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	12/14/1992	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	12/8/1994	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	6/22/1995	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	8/22/1996	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	7/17/2000	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	11/13/2000	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	4/9/2004	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	3/28/2005	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/10/2007	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	5/1/2008	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	10/6/2008	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	7/4/2009	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	7/11/2009	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	5/30/2010	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	6/2/2010	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	7/4/2010	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	6/29/2011	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	9/28/2011	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	11/18/2011	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	11/30/2011	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	1/7/2012	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	3/28/2012	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	4/13/2014	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	4/21/2014	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	4/28/2014	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	3/24/2015	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	7/24/2015	48	48	1.62	85.67	5533	34.5144%	Chloride	--	mg/L	500	28.3	#VALUE!	230902.612
5439000	10/19/1927	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	12/10/1927	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	1/23/1928	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	7/1/1928	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	7/11/1928	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	12/9/1928	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	1/3/1929	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	1/12/1929	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	2/29/1980	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	10/12/1980	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	10/13/1980	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	5/28/1981	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/4/1981	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	4/29/1982	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	6/17/1982	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	7/18/1982	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	3/14/1983	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	6/13/1983	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	12/20/1983	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	6/20/1984	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	11/29/1984	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	4/18/1985	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	6/14/1986	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	6/19/1986	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	7/20/1986	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	11/28/1986	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	12/16/1986	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	1/8/1988	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	3/12/1988	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	4/28/1988	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	8/16/1989	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	1/4/1990	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	2/21/1990	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	4/13/1990	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	7/7/1990	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	6/17/1991	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	11/20/1991	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	12/23/1991	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	1/14/1992	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	1/15/1992	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	1/22/1992	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	2/15/1992	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	3/20/1992	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/21/1992	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	3/23/1992	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	12/15/1992	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	2/10/1993	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	3/2/1995	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	4/4/1995	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	6/23/1995	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	2/12/1996	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	4/2/1997	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	6/1/1997	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	6/3/1998	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	6/27/1998	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	10/25/1998	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	11/18/1998	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	11/19/1998	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	12/17/1998	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	3/9/1999	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	4/28/2001	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	3/2/2002	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	3/6/2002	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	3/25/2002	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	3/26/2002	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	3/27/2002	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	3/28/2002	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	4/1/2002	47	47	1.62	84.05	5600	34.9323%	Chloride	66.30	mg/L	500	28.3	30039.74618	226544.0888
5439000	7/12/2003	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	3/13/2004	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	12/7/2004	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	5/6/2006	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	5/11/2006	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	6/15/2006	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/20/2009	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	12/5/2009	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	12/13/2009	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	1/13/2010	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	2/4/2010	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	7/8/2010	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	6/30/2011	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	11/19/2011	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	12/13/2011	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	1/10/2012	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	2/13/2012	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	2/26/2012	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	5/19/2012	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	10/18/2012	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	5/16/2013	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	7/13/2013	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	2/22/2014	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	5/1/2014	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	5/19/2014	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	4/22/2015	47	47	1.62	84.05	5600	34.9323%	Chloride	--	mg/L	500	28.3	#VALUE!	226544.0888
5439000	11/13/1929	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	11/14/1929	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	11/15/1929	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	1/6/1930	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	3/18/1930	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	3/19/1930	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	5/8/1930	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	9/27/1930	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	4/11/1932	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	5/12/1932	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	2/22/1933	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/21/1933	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	4/22/1933	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	5/1/1933	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	1/1/1980	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	5/1/1980	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	3/6/1981	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	6/8/1981	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	8/3/1982	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	3/4/1984	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	5/10/1984	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	7/21/1986	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	9/29/1986	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	12/2/1986	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	4/20/1987	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	6/7/1987	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	11/14/1987	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	6/9/1989	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	9/22/1989	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	4/7/1990	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	4/11/1990	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	4/29/1990	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	6/9/1990	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	11/12/1990	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	12/24/1991	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	1/24/1992	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	1/28/1992	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	4/1/1992	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	5/5/1992	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	5/25/1993	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	5/28/1993	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	7/11/1993	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/6/1993	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	10/26/1993	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	10/28/1993	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	12/7/1993	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	4/2/1994	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	7/5/1994	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	7/6/1994	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	12/13/1994	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	3/24/1995	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	6/26/1995	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	11/1/1995	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	7/5/1996	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	8/21/1996	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	1/9/1997	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	4/3/1997	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	4/23/1997	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	2/26/1999	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	3/12/1999	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	3/14/1999	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	3/30/1999	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	3/31/1999	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	6/30/1999	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	3/6/2000	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	10/5/2000	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	5/11/2001	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	5/27/2001	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	10/28/2001	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	3/7/2002	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	3/31/2002	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	6/25/2002	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	6/26/2002	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/8/2003	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	6/27/2004	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	7/4/2004	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	1/19/2005	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	5/30/2006	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	4/24/2007	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	7/16/2007	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	8/18/2007	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	5/7/2008	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	6/21/2008	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	11/24/2008	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	1/12/2009	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	7/3/2009	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	7/5/2009	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	11/16/2009	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	11/17/2009	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	12/14/2009	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	2/5/2010	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	4/23/2010	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	2/16/2012	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	2/25/2012	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	4/18/2012	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	6/2/2012	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	4/8/2013	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	6/12/2013	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	4/30/2014	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	5/28/2014	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	11/24/2014	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	4/24/2015	46	46	1.62	82.43	5694	35.5187%	Chloride	--	mg/L	500	28.3	#VALUE!	222185.5657
5439000	7/3/1926	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	9/21/1926	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/23/1926	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	2/15/1927	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	2/21/1927	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	2/27/1927	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	6/13/1927	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	6/25/1927	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	3/25/1928	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	5/21/1929	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	7/15/1929	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	11/26/1979	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	11/28/1979	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	12/24/1979	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	3/31/1980	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	8/5/1980	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	10/15/1980	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	2/17/1981	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	7/3/1981	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	10/3/1981	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	10/4/1981	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	10/26/1981	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	12/1/1981	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	4/30/1982	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	12/19/1983	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	12/22/1983	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	3/5/1984	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	5/11/1984	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	12/4/1984	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	12/24/1984	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	12/26/1984	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	1/7/1985	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	4/17/1985	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/28/1985	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	12/18/1985	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	1/23/1986	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	3/30/1986	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	6/9/1986	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	10/10/1986	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	10/12/1986	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	11/2/1986	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	12/3/1986	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	12/17/1986	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	3/9/1988	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	5/9/1988	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	3/16/1989	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	5/29/1989	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	7/28/1989	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	1/29/1990	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	4/8/1990	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	8/18/1990	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	10/18/1990	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	12/27/1990	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	2/3/1991	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	5/3/1991	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	1/23/1992	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	1/30/1992	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	4/2/1992	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	4/12/1992	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	5/3/1992	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	2/13/1993	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	3/21/1993	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	10/8/1993	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	10/15/1993	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/1/1994	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	7/7/1994	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	11/26/1994	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	1/12/1995	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	2/2/1995	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	2/7/1995	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	6/24/1995	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	6/27/1995	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	4/4/1997	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	4/8/1997	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	6/13/1997	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	6/27/1997	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	8/17/1997	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	1/17/1998	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	6/4/1998	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	6/5/1998	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	7/12/1998	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	10/30/1998	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	12/18/1998	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	3/13/1999	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	4/1/1999	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	5/2/2000	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	2/5/2001	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	4/29/2001	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	5/7/2001	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	4/3/2002	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	2/28/2004	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	3/27/2005	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	3/29/2005	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	6/26/2006	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	12/7/2006	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/21/2008	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	5/3/2008	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	11/21/2008	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	11/18/2009	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	12/11/2009	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	5/31/2010	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	7/13/2010	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	7/29/2010	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	8/10/2010	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	2/16/2011	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	4/5/2011	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	2/14/2012	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	2/15/2013	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	6/8/2013	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	10/18/2014	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	3/29/2015	45	45	1.62	80.82	5796	36.1549%	Chloride	--	mg/L	500	28.3	#VALUE!	217827.0425
5439000	11/20/1927	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	12/13/1927	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	2/10/1928	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	11/10/1928	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	12/10/1928	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	1/22/1929	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	1/28/1929	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	4/6/1930	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	1/28/1931	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	3/22/1931	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	3/16/1932	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	11/1/1980	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	12/17/1980	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	2/20/1982	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	3/3/1982	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/9/1982	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	8/7/1982	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	10/9/1982	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	1/12/1983	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	1/14/1983	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	6/19/1983	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	12/8/1983	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	2/24/1986	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	6/13/1986	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	7/1/1986	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	11/3/1986	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	5/4/1987	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	10/7/1987	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	1/7/1988	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	3/4/1988	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	4/29/1988	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	5/24/1988	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	3/30/1989	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	5/30/1989	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	1/26/1990	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	1/27/1990	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	1/31/1990	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	2/20/1990	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	8/3/1990	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	8/6/1990	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	8/26/1990	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	1/29/1992	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	6/4/1993	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	8/20/1994	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	1/13/1995	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	3/3/1995	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/6/1996	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	2/19/1997	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	6/2/1997	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	1/21/1999	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	4/4/1999	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	4/11/1999	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	9/30/1999	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	10/4/2000	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	5/1/2001	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	3/3/2002	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	4/10/2004	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	5/2/2004	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	12/9/2004	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	3/30/2005	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	4/5/2006	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	5/7/2006	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	1/14/2007	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	2/28/2007	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	5/12/2007	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	5/13/2007	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	6/20/2007	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	2/23/2008	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	7/18/2008	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	11/9/2008	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	12/6/2009	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	12/18/2009	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	1/14/2010	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	4/27/2010	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	6/17/2010	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	7/1/2011	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	11/26/2011	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/11/2012	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	1/16/2012	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	1/29/2012	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	2/15/2012	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	3/25/2012	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	3/27/2012	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	3/30/2012	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	4/19/2012	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	4/30/2012	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	5/4/2012	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	4/2/2013	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	4/9/2013	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	5/22/2013	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	6/11/2013	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	7/21/2014	44	44	1.62	79.20	5907	36.8474%	Chloride	--	mg/L	500	28.3	#VALUE!	213468.5194
5439000	4/2/1931	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	6/6/1931	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	6/11/1931	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	6/27/1931	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	12/26/1931	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	12/27/1931	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	12/28/1931	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	12/30/1932	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	2/28/1933	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	4/30/1933	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	6/3/1933	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	6/4/1933	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	7/13/1933	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	5/2/1980	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	12/7/1980	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	12/18/1980	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/4/1981	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	10/5/1981	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	10/8/1981	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	5/5/1982	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	6/18/1982	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	3/19/1984	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	5/13/1984	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	10/11/1986	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	11/29/1986	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	4/21/1987	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	11/15/1987	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	1/5/1988	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	3/8/1988	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	4/30/1988	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	5/1/1988	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	5/8/1988	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	3/8/1989	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	3/9/1989	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	3/17/1989	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	5/27/1989	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	4/12/1990	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	4/30/1990	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	7/8/1990	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	11/13/1990	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	1/2/1991	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	2/24/1991	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	3/8/1991	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	5/4/1991	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	4/4/1992	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	5/9/1992	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	5/26/1993	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/27/1993	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	5/30/1993	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	7/12/1993	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	10/27/1993	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	10/29/1993	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	12/14/1994	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	12/16/1994	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	2/24/1995	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	3/26/1995	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	4/6/1995	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	6/25/1995	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	8/17/1995	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	11/24/1995	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	11/25/1995	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	11/27/1995	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	8/24/1996	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	1/8/1997	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	4/24/1997	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	2/2/1998	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	6/6/1998	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	6/29/1998	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	4/10/1999	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	3/7/2000	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	5/20/2000	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	5/22/2000	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	8/6/2000	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	4/30/2001	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	6/4/2003	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	6/28/2004	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	7/3/2004	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	3/13/2005	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/31/2005	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	4/21/2006	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	5/22/2006	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	5/31/2006	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	6/16/2006	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	6/30/2006	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	5/23/2008	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	10/17/2008	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	12/1/2011	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	1/9/2012	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	5/20/2012	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	5/21/2012	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	5/17/2013	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	4/2/2014	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	3/31/2015	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	4/4/2015	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	4/23/2015	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	7/25/2015	43	43	1.62	77.58	5999	37.4212%	Chloride	--	mg/L	500	28.3	#VALUE!	209109.9962
5439000	3/24/1926	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	10/25/1926	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	11/9/1926	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	11/13/1926	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	12/25/1926	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	2/25/1927	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	2/26/1927	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	6/14/1927	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	1/13/1929	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	7/5/1929	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	10/31/1929	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	11/3/1929	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	11/16/1929	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/14/1930	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	3/15/1930	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	3/16/1930	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	3/17/1930	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	3/23/1930	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	3/24/1930	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	4/7/1930	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	5/9/1930	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	2/20/1932	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	3/11/1980	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	6/28/1980	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	6/10/1981	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	10/27/1981	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	5/1/1982	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	7/19/1982	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	8/4/1982	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	8/8/1982	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	1/16/1983	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	11/20/1983	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	6/21/1984	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	4/19/1985	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	7/4/1985	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	12/18/1986	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	5/5/1987	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	6/8/1987	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	6/19/1987	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	1/6/1988	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	3/7/1988	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	3/13/1988	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	5/2/1988	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	3/29/1989	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/11/1989	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	6/10/1990	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	8/14/1990	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	11/21/1991	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	5/8/1992	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	11/26/1993	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	12/8/1993	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	12/15/1994	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	2/8/1995	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	3/25/1995	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	4/5/1995	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	6/30/1995	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	7/7/1995	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	1/24/1997	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	4/11/1997	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	4/30/1997	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	1/18/1998	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	10/26/1998	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	10/27/1998	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	4/2/1999	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	3/8/2000	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	3/9/2000	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	6/19/2001	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	7/11/2003	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	5/4/2004	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	1/13/2007	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	9/15/2007	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	2/16/2008	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	6/22/2008	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	10/20/2008	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	11/22/2008	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/23/2008	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	1/13/2009	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	7/8/2009	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	11/24/2009	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	12/7/2009	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	12/12/2009	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	12/15/2009	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	1/15/2010	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	2/6/2010	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	5/1/2010	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	7/5/2010	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	7/31/2010	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	4/6/2011	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	7/25/2011	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	1/8/2012	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	1/12/2012	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	1/15/2012	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	4/1/2012	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	4/20/2012	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	3/26/2013	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	5/21/2013	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	7/14/2013	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	5/2/2014	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	4/5/2015	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	4/8/2015	42	42	1.62	75.97	6095	38.0201%	Chloride	--	mg/L	500	28.3	#VALUE!	204751.4731
5439000	3/18/1926	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	10/20/1927	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	11/21/1927	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	12/11/1927	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	1/16/1928	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	1/24/1928	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/11/1928	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	2/13/1928	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	3/16/1928	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	4/25/1928	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	5/21/1928	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	7/2/1928	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	7/28/1928	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	1/4/1929	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	5/22/1929	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	5/13/1932	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	6/15/1932	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	2/5/1933	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	4/23/1933	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	4/24/1933	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	6/6/1933	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	7/15/1933	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	2/26/1980	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	5/3/1980	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	11/3/1980	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	1/17/1983	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	7/23/1983	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	6/22/1984	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	10/19/1984	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	11/9/1984	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	4/23/1985	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	6/22/1986	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	7/2/1986	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	2/5/1987	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	3/2/1987	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	5/6/1987	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	6/20/1987	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/6/1988	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	3/10/1988	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	3/11/1988	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	3/24/1988	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	5/3/1988	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	1/31/1989	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	1/19/1990	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	7/25/1990	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	7/29/1990	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	8/11/1990	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	11/14/1990	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	11/15/1990	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	3/1/1991	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	12/25/1991	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	1/31/1992	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	2/1/1992	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	5/6/1992	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	7/13/1993	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	8/27/1993	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	9/24/1993	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	12/15/1993	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	11/26/1995	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	7/7/1996	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	6/3/1997	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	6/30/1998	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	11/20/1998	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	4/3/1999	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	5/2/2001	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	5/4/2001	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	2/16/2002	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	4/5/2002	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/6/2002	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	6/27/2002	41	41	1.62	74.35	6195	38.6439%	Chloride	55.90	mg/L	500	28.3	22403.9318	200392.9499
5439000	8/23/2002	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	4/11/2004	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	4/20/2004	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	3/26/2005	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	3/15/2006	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	6/9/2007	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	7/4/2007	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	2/14/2008	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	7/24/2008	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	11/19/2009	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	12/8/2009	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	3/2/2010	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	4/30/2010	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	6/1/2010	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	7/7/2010	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	7/2/2011	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	11/20/2011	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	1/13/2012	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	1/30/2012	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	2/23/2012	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	3/26/2012	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	5/22/2012	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	5/23/2013	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	6/9/2013	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	10/31/2013	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	5/23/2014	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	3/30/2015	41	41	1.62	74.35	6195	38.6439%	Chloride	--	mg/L	500	28.3	#VALUE!	200392.9499
5439000	3/21/1926	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	10/26/1926	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/17/1929	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/7/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/8/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/9/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/10/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/11/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/12/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/13/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/14/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/15/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/16/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/17/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/18/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/19/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/20/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/21/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/22/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/23/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/24/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/25/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/26/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/27/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/28/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/29/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/30/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/31/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/1/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/2/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/3/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/4/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/5/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/6/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/7/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/8/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/9/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/10/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/11/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/12/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/13/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/14/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/15/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/16/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/17/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/18/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/19/1930	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	12/9/1931	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/21/1932	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	3/13/1932	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	6/16/1980	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	7/16/1980	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	11/2/1980	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	12/19/1980	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	10/9/1981	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	12/7/1981	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/2/1982	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	6/10/1982	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	7/21/1982	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	3/15/1983	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	6/20/1983	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	7/21/1983	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	7/22/1983	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	11/21/1983	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/9/1983	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	12/23/1983	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/12/1984	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	11/6/1984	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	11/30/1984	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	12/25/1984	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/8/1985	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/14/1985	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	4/20/1985	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/15/1985	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	10/21/1985	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	10/29/1985	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	3/31/1986	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/16/1986	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	11/30/1986	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/2/1987	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	10/8/1987	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	10/9/1987	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	3/5/1988	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	3/15/1988	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/12/1988	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/15/1988	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/10/1989	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/28/1989	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	6/12/1990	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	7/9/1990	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/12/1992	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/31/1993	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	12/16/1993	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	12/17/1993	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/2/1994	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/3/1994	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	4/12/1994	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/3/1995	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/9/1995	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/26/1995	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	3/1/1995	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	4/15/1996	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	4/25/1997	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	6/16/1997	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	6/7/1998	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	12/19/1998	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	4/6/1999	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	7/2/1999	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/3/2000	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/28/2001	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	11/26/2001	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	4/4/2002	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	4/12/2005	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/19/2005	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	4/3/2006	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/8/2006	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/23/2006	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	6/17/2006	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	6/23/2007	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	7/30/2007	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	12/31/2007	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/3/2008	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/22/2008	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	2/12/2008	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/24/2008	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/25/2008	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/18/2008	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	11/11/2008	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	8/31/2009	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	4/28/2010	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	4/29/2010	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/2/2010	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	1/14/2012	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	4/29/2012	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/23/2012	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/24/2012	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	5/20/2013	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	6/10/2013	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	4/22/2014	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	8/22/2014	40	40	1.62	72.73	6292	39.2490%	Chloride	--	mg/L	500	28.3	#VALUE!	196034.4267
5439000	12/24/1926	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	7/6/1929	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	11/18/1929	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	3/21/1930	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	3/22/1930	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	5/11/1930	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	11/30/1930	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	1/27/1931	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	3/20/1931	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	3/23/1931	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	1/2/1980	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	5/4/1980	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	8/29/1980	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	11/4/1980	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	12/21/1980	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	12/5/1981	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	12/6/1981	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/19/1982	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	6/25/1982	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	7/20/1982	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	11/6/1982	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	1/15/1983	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	1/18/1983	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	3/6/1984	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	3/15/1984	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	3/17/1984	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	5/19/1984	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	11/11/1984	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	12/3/1984	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	1/15/1985	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	4/21/1985	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	4/24/1985	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	12/20/1985	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	6/20/1986	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	7/22/1986	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	11/4/1986	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	12/1/1986	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	12/4/1986	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	5/7/1987	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	3/14/1988	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	5/4/1988	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	11/17/1988	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	3/31/1989	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	6/10/1989	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	6/13/1989	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	8/17/1989	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	5/1/1990	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	6/11/1990	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/13/1990	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	8/27/1990	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	11/16/1990	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	3/9/1991	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	6/18/1991	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	12/26/1991	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	1/8/1992	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	2/9/1992	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	4/5/1992	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	4/10/1992	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	5/7/1992	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	7/31/1992	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	2/19/1993	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	8/4/1993	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	11/13/1993	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	6/16/1994	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	11/4/1995	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	2/13/1996	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	8/25/1996	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	4/10/1997	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	1/3/1998	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	7/13/1998	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	4/8/1999	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	5/21/2000	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	7/18/2000	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	11/14/2000	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	2/6/2001	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	5/31/2001	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	6/23/2001	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	3/20/2004	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	5/3/2004	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/29/2004	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	3/14/2005	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	3/25/2005	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	4/22/2006	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	6/18/2006	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	5/14/2007	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	2/11/2008	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	2/24/2008	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	10/23/2008	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	11/25/2008	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	7/6/2009	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	6/3/2010	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	7/6/2010	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	4/7/2011	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	11/22/2011	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	12/2/2011	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	2/17/2012	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	3/29/2012	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	3/31/2012	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	4/28/2012	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	5/18/2013	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	4/11/2014	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	7/22/2014	39	39	1.62	71.12	6432	40.1223%	Chloride	--	mg/L	500	28.3	#VALUE!	191675.9036
5439000	3/22/1926	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	3/23/1926	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	6/25/1926	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	7/6/1926	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	8/24/1926	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	10/27/1926	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	11/10/1926	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	12/16/1926	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/1/1927	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	3/3/1927	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	11/22/1927	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	12/12/1927	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	12/17/1927	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	2/12/1928	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	2/23/1928	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	11/11/1928	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	12/11/1928	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	12/12/1928	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	1/14/1929	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	1/29/1929	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	5/30/1929	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	4/3/1931	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	11/19/1931	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	4/12/1932	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	2/21/1933	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	3/1/1933	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	3/14/1933	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	3/23/1933	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	4/25/1933	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	3/7/1981	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	7/5/1981	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	12/8/1981	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	5/3/1982	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	5/6/1982	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	3/16/1983	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	5/20/1984	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	1/16/1985	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	4/22/1985	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	7/31/1985	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/31/1985	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	4/1/1986	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	7/7/1986	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	12/19/1986	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	5/11/1987	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	6/21/1987	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	3/16/1988	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	5/5/1988	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	5/10/1988	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	3/28/1989	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	7/24/1989	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	7/11/1990	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	11/1/1991	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	12/29/1991	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	4/6/1992	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	4/14/1992	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	9/22/1992	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	7/14/1993	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	9/5/1993	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	10/30/1993	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	12/9/1993	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	12/10/1993	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	12/14/1993	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	4/4/1994	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	2/4/1995	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	3/10/1995	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	4/7/1995	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	4/9/1997	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	4/26/1997	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	4/27/1997	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	4/28/1997	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/4/1997	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	6/8/1998	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	10/31/1998	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	5/4/2000	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	5/3/2001	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	6/20/2001	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	10/13/2001	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	12/14/2001	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	2/12/2002	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	2/15/2002	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	2/17/2002	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	11/18/2003	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	2/29/2004	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	3/15/2004	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	5/5/2004	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	1/12/2005	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	4/2/2005	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	5/21/2005	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	1/29/2006	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	4/6/2006	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	5/9/2006	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	6/1/2006	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	7/3/2006	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	6/24/2007	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	6/27/2007	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	12/22/2007	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	1/2/2008	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	1/17/2009	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	7/10/2009	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	11/20/2009	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	12/19/2009	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/16/2010	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	6/5/2010	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	7/3/2011	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	7/29/2011	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	11/23/2011	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	4/2/2012	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	6/3/2012	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	5/19/2013	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	8/7/2014	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	7/26/2015	38	38	1.62	69.50	6534	40.7585%	Chloride	--	mg/L	500	28.3	#VALUE!	187317.3804
5439000	2/22/1927	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	6/15/1927	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	4/26/1928	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	8/8/1928	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	11/4/1928	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	11/12/1928	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	1/1/1929	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	2/2/1932	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	11/29/1979	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	3/22/1980	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	5/28/1980	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	12/20/1980	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	10/28/1981	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	11/5/1981	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	5/4/1982	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	10/20/1982	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	11/22/1983	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	6/23/1984	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	1/17/1985	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	1/24/1986	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	2/10/1986	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/25/1986	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	3/2/1986	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	4/30/1986	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	10/13/1986	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	11/5/1986	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	12/5/1986	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	3/19/1988	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	3/23/1988	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	5/23/1988	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	9/23/1989	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	9/25/1989	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	5/2/1990	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	5/3/1990	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	8/17/1990	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	10/19/1990	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	1/3/1991	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	1/5/1991	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	2/16/1992	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	4/13/1992	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	2/14/1993	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	5/29/1993	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	10/31/1993	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	4/5/1994	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	4/13/1994	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	6/20/1994	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	2/10/1995	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	2/25/1995	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	4/8/1995	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	7/8/1995	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	11/28/1995	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	1/19/1996	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/8/1996	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	8/26/1996	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	6/28/1997	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	11/21/1998	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	11/22/1998	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	7/3/1999	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	5/23/2000	37	37	1.62	67.88	6645	41.4509%	Chloride	45.00	mg/L	500	28.3	16466.29716	182958.8573
5439000	5/8/2001	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	10/14/2001	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	11/27/2001	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	12/13/2001	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	2/11/2002	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	2/14/2002	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	12/14/2003	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	3/16/2004	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	3/17/2004	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	4/3/2005	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	4/16/2006	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	7/1/2006	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	1/21/2007	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	5/15/2007	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	6/10/2007	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	9/16/2007	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	6/23/2008	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	7/10/2008	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	11/10/2008	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	7/12/2009	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	2/7/2010	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	8/11/2010	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	11/21/2011	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	2/18/2012	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/21/2012	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	5/6/2012	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	2/21/2013	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	7/15/2013	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	9/12/2014	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	4/6/2015	37	37	1.62	67.88	6645	41.4509%	Chloride	--	mg/L	500	28.3	#VALUE!	182958.8573
5439000	3/25/1926	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	12/17/1926	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	2/28/1927	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	3/5/1927	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	6/26/1927	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	10/5/1927	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	11/23/1927	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	1/17/1928	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	7/12/1928	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	11/5/1928	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	11/7/1928	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	5/31/1929	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	7/16/1929	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	10/26/1929	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	11/4/1929	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	11/19/1929	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	3/27/1930	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	4/8/1930	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	4/15/1930	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	5/10/1930	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	10/10/1930	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	3/24/1931	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	4/4/1931	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	6/12/1931	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	12/29/1931	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/30/1931	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	2/22/1932	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	4/13/1932	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	4/25/1932	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	4/26/1932	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	5/5/1932	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	6/9/1932	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	6/16/1932	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	3/2/1933	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	3/22/1933	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	5/5/1980	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	6/17/1980	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	7/22/1980	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	8/30/1980	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	2/20/1981	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	3/8/1981	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	10/10/1981	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	11/6/1981	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	11/26/1981	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	11/27/1981	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	6/12/1982	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	3/17/1983	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	6/21/1983	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	12/10/1983	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	3/9/1984	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	3/10/1984	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	3/18/1984	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	5/14/1984	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	12/2/1984	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	1/9/1985	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	1/18/1985	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/13/1985	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	10/30/1985	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	12/6/1986	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	1/10/1987	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	5/8/1987	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	5/6/1988	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	5/7/1988	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	1/14/1989	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	6/14/1989	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	7/27/1989	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	9/24/1989	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	1/16/1990	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	1/30/1990	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	7/10/1990	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	7/14/1990	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	8/29/1990	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	11/21/1990	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	3/15/1991	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	12/28/1991	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	1/3/1992	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	1/6/1992	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	5/10/1992	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	6/2/1993	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	6/3/1993	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	7/15/1993	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	8/12/1993	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	11/5/1993	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	12/12/1993	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	2/5/1995	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	7/1/1995	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	7/9/1995	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/25/1996	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	4/30/1996	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	1/19/1998	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	7/1/1998	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	8/25/1998	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	11/1/1998	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	11/2/1998	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	11/23/1998	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	4/5/1999	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	4/14/1999	36	36	1.62	66.26	6734	42.0061%	Chloride	118.00	mg/L	500	28.3	42149.67886	178600.3341
5439000	5/8/2000	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	5/5/2001	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	5/6/2001	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	5/10/2001	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	5/21/2001	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	10/29/2001	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	2/13/2002	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	6/5/2003	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	6/8/2003	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	2/22/2004	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	3/18/2004	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	4/12/2004	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	6/30/2004	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	7/5/2004	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	4/1/2005	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	5/11/2005	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	4/7/2006	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	5/10/2006	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	12/6/2006	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	1/22/2007	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	9/17/2007	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/13/2007	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	1/23/2008	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	5/8/2008	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	6/25/2008	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	8/5/2008	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	10/19/2008	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	10/21/2008	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	7/7/2009	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	7/9/2009	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	11/21/2009	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	1/23/2010	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	5/3/2010	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	6/4/2010	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	6/6/2010	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	2/22/2012	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	4/21/2012	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	5/1/2012	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	12/20/2012	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	4/12/2014	36	36	1.62	66.26	6734	42.0061%	Chloride	--	mg/L	500	28.3	#VALUE!	178600.3341
5439000	6/16/1927	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	1/18/1928	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	3/25/1932	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	7/14/1933	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	3/24/1980	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	3/30/1980	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/6/1980	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	6/19/1980	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	11/5/1980	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	11/7/1980	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	6/11/1981	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	10/29/1981	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/4/1981	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	12/10/1981	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	12/11/1981	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/7/1982	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/19/1982	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	12/24/1983	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	3/7/1984	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	11/7/1984	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	12/5/1984	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	1/13/1985	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	12/19/1985	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	11/6/1986	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	12/20/1986	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	2/7/1987	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/9/1987	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/18/1987	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	10/10/1987	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	10/17/1987	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	3/18/1988	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/11/1988	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/13/1988	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	8/8/1988	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	1/12/1989	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	3/4/1989	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	6/11/1989	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	1/5/1990	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	8/7/1990	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	11/17/1990	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	6/19/1991	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	11/2/1991	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	11/16/1991	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/4/1992	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/11/1992	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/13/1992	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	9/14/1992	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	2/20/1993	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	6/1/1993	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	11/27/1993	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	1/3/1994	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	4/15/1994	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	7/8/1994	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	2/11/1995	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	2/12/1995	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	4/29/1997	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	4/12/1999	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	4/13/1999	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/5/2000	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	7/19/2000	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/29/2001	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	9/23/2001	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	2/18/2002	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	6/28/2002	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	8/13/2002	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	3/19/2004	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	4/13/2004	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/6/2004	35	35	1.62	64.65	6871	42.8607%	Chloride	76.80	mg/L	500	28.3	26763.54217	174241.811
5439000	10/23/2004	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	12/10/2004	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	1/20/2005	35	35	1.62	64.65	6871	42.8607%	Chloride	60.30	mg/L	500	28.3	21013.5624	174241.811
5439000	3/15/2005	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	3/16/2005	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	3/17/2005	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/19/2005	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	4/4/2005	35	35	1.62	64.65	6871	42.8607%	Chloride	70.20	mg/L	500	28.3	24463.55026	174241.811
5439000	4/5/2005	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/12/2005	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	4/23/2006	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	6/2/2006	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	6/19/2006	35	35	1.62	64.65	6871	42.8607%	Chloride	358.00	mg/L	500	28.3	124757.1367	174241.811
5439000	5/16/2007	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	6/21/2007	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	6/28/2007	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	1/1/2008	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	1/24/2008	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	1/26/2008	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/4/2008	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	1/21/2009	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	1/22/2009	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	8/19/2009	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	7/30/2010	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	2/15/2011	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	7/4/2011	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	4/22/2012	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/2/2012	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/5/2012	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/25/2012	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	6/4/2012	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	2/1/2013	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	4/3/2013	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/28/2013	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/3/2014	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	5/16/2014	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	10/14/2014	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/1/2015	35	35	1.62	64.65	6871	42.8607%	Chloride	--	mg/L	500	28.3	#VALUE!	174241.811
5439000	4/5/1926	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	10/28/1926	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	11/11/1926	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	1/7/1928	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	2/17/1928	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	3/24/1928	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	4/27/1928	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	1/11/1929	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	7/7/1929	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	5/12/1930	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	5/14/1932	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	3/15/1933	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	4/26/1933	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	5/18/1980	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	6/18/1980	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	12/22/1980	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	3/9/1981	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	7/6/1981	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	8/18/1981	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	10/30/1981	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	11/7/1981	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	11/8/1981	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	12/9/1981	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	6/11/1982	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	6/20/1982	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	11/10/1982	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	1/19/1983	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	5/15/1984	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	5/17/1984	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	5/18/1984	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/10/1985	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	6/21/1986	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	10/14/1986	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	6/9/1987	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	10/11/1987	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	3/17/1988	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	3/20/1988	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	5/16/1988	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	11/26/1988	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	3/18/1989	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	4/1/1989	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	4/2/1989	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	8/18/1989	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	9/26/1989	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	1/20/1990	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	7/12/1990	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	7/26/1990	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	11/18/1990	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	11/19/1990	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	1/4/1991	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	2/26/1991	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	11/22/1991	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	12/27/1991	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	1/2/1992	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	2/2/1992	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	2/12/1992	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	4/7/1992	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	7/18/1992	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	9/15/1992	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	11/1/1992	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	2/18/1993	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/21/1993	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	8/7/1993	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	11/1/1993	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	11/3/1993	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	11/4/1993	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	11/6/1993	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	12/7/1995	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	5/1/1996	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	8/27/1996	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	6/14/1997	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	7/14/1998	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	7/19/1998	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	12/20/1998	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	3/10/2000	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	5/6/2000	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	5/7/2000	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	11/15/2000	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	2/7/2001	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	5/12/2001	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	6/24/2001	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	6/6/2003	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	6/7/2003	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	7/1/2004	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	3/18/2005	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	6/22/2006	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	1/25/2008	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	1/27/2008	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	2/15/2008	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	5/5/2008	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	11/22/2009	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	1/17/2010	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/8/2010	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	2/9/2010	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	6/8/2010	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	6/9/2010	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	7/11/2010	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	8/14/2010	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	2/19/2012	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	7/19/2012	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	4/25/2014	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	5/24/2014	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	4/7/2015	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	7/27/2015	34	34	1.62	63.03	6977	43.5219%	Chloride	--	mg/L	500	28.3	#VALUE!	169883.2878
5439000	1/6/1926	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/10/1926	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/26/1926	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	10/29/1926	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	2/24/1927	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	10/21/1927	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/12/1928	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	4/28/1928	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	7/29/1928	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	8/30/1928	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	8/4/1929	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	4/9/1930	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	4/5/1931	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/1/1932	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/14/1932	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/15/1932	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/17/1932	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	4/14/1932	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	5/6/1932	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/7/1933	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	11/6/1980	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/10/1981	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/12/1981	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	6/12/1981	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	11/3/1981	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	8/9/1982	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	6/22/1983	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	5/16/1984	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	11/8/1984	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	12/1/1984	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	1/10/1985	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	1/19/1985	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	4/25/1985	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	7/6/1986	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	7/23/1986	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	10/25/1986	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	11/8/1986	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/8/1987	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/29/1987	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/30/1987	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	5/10/1987	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	10/12/1987	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/22/1988	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	5/14/1988	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	11/27/1988	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	8/15/1990	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	1/6/1991	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	2/25/1991	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/10/1991	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/12/1991	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/20/1991	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	11/15/1991	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	1/4/1992	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	1/7/1992	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	2/6/1992	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	2/22/1993	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	7/16/1993	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	11/2/1993	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	11/12/1993	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	11/15/1993	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	11/28/1993	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	2/13/1995	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	4/29/1996	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	6/7/1997	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	11/3/1998	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	11/25/1998	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	11/30/1998	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	4/7/1999	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	7/4/1999	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/11/2000	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/20/2000	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	5/24/2000	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	10/6/2000	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	11/16/2000	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	5/9/2001	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	5/15/2001	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	5/26/2001	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	11/30/2001	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	12/15/2001	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/21/2004	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	4/14/2004	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/13/2005	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	8/20/2005	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	6/21/2006	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	9/5/2006	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	1/25/2007	33	33	1.62	61.41	7081	44.1707%	Chloride	51.10	mg/L	500	28.3	16916.63095	165524.7647
5439000	9/18/2007	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	1/28/2008	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	1/29/2008	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	2/2/2008	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	6/28/2008	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	7/25/2008	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	11/26/2008	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	10/22/2009	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	11/23/2009	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	1/18/2010	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	5/4/2010	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	7/9/2010	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	2/20/2012	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	4/24/2012	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	4/26/2012	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	5/28/2012	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	5/29/2012	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	11/26/2014	33	33	1.62	61.41	7081	44.1707%	Chloride	--	mg/L	500	28.3	#VALUE!	165524.7647
5439000	3/12/1926	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	6/26/1926	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	11/12/1926	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	12/23/1926	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	2/23/1927	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	6/17/1927	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	6/27/1927	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	3/17/1928	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/29/1928	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	11/3/1928	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	1/15/1929	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	1/21/1929	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	1/30/1929	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	1/31/1929	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	2/1/1929	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	2/2/1929	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	6/1/1929	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	4/10/1930	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	5/13/1930	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	9/28/1930	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	3/25/1931	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	11/18/1931	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	12/10/1931	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	3/3/1933	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	3/1/1980	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	3/25/1980	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	3/11/1981	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	3/13/1981	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	10/14/1981	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	10/31/1981	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	12/12/1981	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	5/8/1982	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	6/21/1982	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	11/9/1982	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	7/24/1983	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	5/21/1984	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	6/24/1984	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	11/12/1984	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	12/6/1984	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/16/1985	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	7/6/1985	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	12/21/1985	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	2/26/1986	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	4/2/1986	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	4/3/1986	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	11/7/1986	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	12/23/1986	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	12/24/1986	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	2/6/1987	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	3/3/1987	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	3/7/1987	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	4/1/1987	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	6/10/1987	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	6/22/1987	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	10/13/1987	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	5/25/1988	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	1/11/1989	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	1/26/1989	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	2/1/1989	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	4/3/1989	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	9/27/1989	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	9/28/1989	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	1/9/1990	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	1/10/1990	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	7/16/1990	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	7/27/1990	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	7/30/1990	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	10/20/1990	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	11/22/1990	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	1/8/1991	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/11/1991	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	12/30/1991	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	1/5/1992	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	2/5/1992	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	4/9/1992	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	9/16/1992	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	2/15/1993	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	2/17/1993	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	2/24/1993	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	9/6/1993	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	11/14/1993	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	4/6/1994	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	4/14/1994	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	2/14/1995	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	2/15/1995	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	3/4/1995	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	3/5/1995	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	7/2/1995	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	11/29/1995	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	4/19/1996	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	7/9/1996	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	12/18/1996	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	1/3/1997	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	6/29/1997	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	7/2/1998	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	8/4/1998	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	3/12/2000	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	8/9/2000	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	5/14/2001	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	5/30/2001	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	10/30/2001	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/24/2001	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	12/17/2001	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	6/29/2002	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	7/13/2003	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	5/7/2004	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	11/27/2004	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	4/6/2005	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	6/3/2006	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	6/20/2006	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	1/23/2007	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	6/11/2007	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	6/25/2007	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	1/30/2008	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	2/1/2008	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	2/3/2008	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	5/6/2008	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	10/22/2008	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	11/27/2008	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	11/30/2008	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	12/1/2008	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	1/14/2009	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	1/15/2009	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	1/18/2009	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	1/19/2010	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	1/20/2010	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	5/5/2010	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	8/1/2010	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	7/5/2011	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	11/24/2011	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	4/3/2012	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	4/25/2012	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/3/2012	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	5/30/2013	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	7/16/2013	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	11/17/2013	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	7/23/2014	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	10/19/2014	32	32	1.62	59.80	7185	44.8194%	Chloride	--	mg/L	500	28.3	#VALUE!	161166.2415
5439000	10/30/1926	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	5/18/1928	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	6/2/1929	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	7/17/1929	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	11/5/1929	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	12/31/1929	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	5/14/1930	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	4/15/1932	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	5/4/1932	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	7/16/1933	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	3/29/1980	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	5/17/1980	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	7/7/1981	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	8/30/1981	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	10/15/1981	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	10/16/1981	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	11/2/1981	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	11/28/1981	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	3/4/1982	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	5/12/1982	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	5/15/1982	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	6/13/1982	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	6/23/1983	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	12/29/1983	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	12/13/1984	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/26/1985	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	5/16/1985	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	10/22/1985	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	1/25/1986	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	4/4/1986	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	4/5/1986	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	7/3/1986	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	12/21/1986	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	3/31/1987	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	10/14/1987	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	3/21/1988	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	6/15/1989	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	7/18/1989	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	8/19/1989	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	8/20/1989	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	10/1/1989	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	1/25/1990	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	7/15/1990	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	11/20/1990	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	1/11/1991	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	2/27/1991	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	6/21/1991	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	6/22/1991	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	11/23/1991	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	5/14/1992	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	9/13/1992	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	2/23/1993	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	2/25/1993	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	2/26/1993	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	7/17/1993	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	8/9/1993	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/10/1993	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	11/7/1993	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	12/13/1993	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	7/10/1995	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	6/8/1997	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	6/11/1997	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	6/17/1997	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	8/15/1997	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	1/20/1998	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	11/24/1998	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	9/27/1999	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	3/13/2000	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	7/20/2000	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	7/31/2000	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	8/2/2000	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	5/13/2001	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	5/16/2001	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	7/15/2003	31	31	1.62	58.18	7323	45.6802%	Chloride	190.00	mg/L	500	28.3	59586.93298	156807.7184
5439000	5/8/2004	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	5/9/2004	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	7/2/2004	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	3/23/2005	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	4/7/2005	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	4/22/2005	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	3/16/2006	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	4/24/2006	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	7/2/2006	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	1/27/2007	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	5/17/2007	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	6/22/2007	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	1/31/2008	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/24/2008	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	6/26/2008	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	6/29/2008	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	12/20/2009	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	12/23/2009	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	1/21/2010	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	1/22/2010	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	2/22/2010	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	7/14/2010	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	7/11/2011	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	11/25/2011	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	4/23/2012	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	5/30/2012	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	4/4/2013	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	5/27/2013	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	5/29/2013	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	7/28/2015	31	31	1.62	58.18	7323	45.6802%	Chloride	--	mg/L	500	28.3	#VALUE!	156807.7184
5439000	4/29/1926	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	8/1/1926	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	8/2/1926	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	12/20/1926	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	1/29/1927	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	10/22/1927	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	5/15/1930	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	6/27/1930	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	10/19/1930	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	3/17/1931	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	4/6/1931	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	12/8/1931	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/24/1932	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/29/1932	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/15/1932	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	5/26/1932	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	4/27/1933	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	11/22/1979	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	11/30/1979	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	12/9/1979	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	1/3/1980	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	5/7/1980	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	5/19/1980	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	11/8/1980	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	12/23/1980	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	10/11/1981	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	11/1/1981	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	11/30/1981	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	12/13/1981	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	1/20/1983	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	12/25/1983	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	3/8/1984	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	10/31/1984	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	12/7/1984	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	12/12/1984	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	1/11/1985	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	5/5/1985	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/3/1986	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/11/1986	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	6/23/1986	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	7/25/1986	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	10/15/1986	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	12/22/1986	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	12/25/1986	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	3/5/1987	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/11/1987	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	10/16/1987	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	5/17/1988	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	4/4/1989	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	7/25/1989	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	10/5/1989	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	7/13/1990	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	8/8/1990	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	11/23/1990	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	11/24/1990	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	1/13/1991	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/2/1991	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	12/31/1991	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	1/1/1992	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/3/1992	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/7/1992	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/8/1992	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	4/8/1992	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	5/15/1992	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	9/27/1992	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/16/1993	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/27/1993	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	8/5/1993	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	11/8/1993	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	11/19/1993	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	12/11/1993	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	1/4/1994	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	4/26/1994	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/16/1995	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	7/3/1995	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	8/16/1995	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/1/1995	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	12/3/1995	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/14/1996	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	4/16/1996	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	4/20/1996	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	5/2/1996	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	5/3/1996	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	8/28/1996	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	9/26/1996	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	1/10/1997	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	6/5/1997	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	6/6/1997	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	6/15/1997	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/1/1998	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	7/15/1998	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	11/4/1998	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	11/26/1998	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	8/24/1999	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	12/5/1999	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	3/14/2000	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	3/15/2000	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	8/5/2000	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	9/22/2000	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	6/25/2001	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	9/21/2001	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	11/28/2001	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	11/29/2001	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	12/1/2001	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	12/16/2001	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	12/18/2001	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	12/19/2001	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/30/2002	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	6/9/2003	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	3/23/2004	30	30	1.62	56.56	7427	46.3290%	Chloride	104.00	mg/L	500	28.3	31709.43261	152449.1952
5439000	7/6/2004	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	1/21/2005	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/4/2005	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	3/20/2005	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	4/25/2006	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	6/18/2007	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	7/31/2007	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/4/2008	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/7/2008	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/25/2008	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/29/2008	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	3/1/2008	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	5/9/2008	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	11/28/2008	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	1/16/2009	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/23/2009	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/23/2010	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	3/1/2010	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	5/6/2010	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	6/7/2010	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	1/6/2011	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	2/14/2011	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	7/6/2011	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	5/26/2012	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	5/27/2012	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	6/5/2012	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	4/7/2013	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	4/23/2014	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/24/2014	30	30	1.62	56.56	7427	46.3290%	Chloride	--	mg/L	500	28.3	#VALUE!	152449.1952
5439000	1/7/1926	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	4/30/1926	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	6/27/1926	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	8/25/1926	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	8/26/1926	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	10/31/1926	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	12/22/1926	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	6/18/1927	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/11/1928	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	4/30/1928	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	7/13/1928	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	1/20/1929	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	2/3/1929	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	7/8/1929	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	4/11/1930	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/18/1931	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/19/1931	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	7/5/1931	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	2/10/1932	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	2/28/1932	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/19/1932	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	4/16/1932	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	4/24/1932	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	4/27/1932	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	2/7/1933	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/4/1933	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/7/1933	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/8/1933	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/16/1933	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/18/1933	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/28/1933	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	4/29/1933	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/23/1980	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	5/8/1980	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	6/20/1980	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	11/9/1980	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	2/21/1981	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	11/29/1981	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	12/14/1981	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	5/11/1982	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	6/22/1982	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	12/26/1983	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	12/28/1983	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/11/1984	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/12/1984	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	6/25/1984	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	6/27/1984	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	11/13/1984	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	1/12/1985	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	1/23/1985	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	4/27/1985	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	6/15/1985	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	7/24/1986	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	9/26/1986	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	10/16/1986	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/6/1987	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/9/1987	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	10/15/1987	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	5/18/1988	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	5/19/1988	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	5/20/1988	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/26/1988	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/27/1989	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	9/29/1989	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	10/2/1989	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	1/21/1990	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	7/28/1990	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	11/25/1990	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	1/7/1991	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	1/9/1991	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	2/10/1992	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	5/16/1992	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	9/26/1992	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	9/28/1992	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	2/28/1993	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/1/1993	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	11/9/1993	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	11/29/1993	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	4/7/1994	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	7/9/1994	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/6/1995	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	11/5/1995	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	7/10/1996	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	6/9/1997	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	6/30/1997	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	7/5/1999	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	5/27/2000	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	5/28/2000	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	10/31/2001	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	12/23/2001	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	12/25/2001	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/22/2004	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/15/2004	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	7/9/2004	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	7/10/2004	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/24/2005	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	4/23/2005	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	6/4/2006	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	2/8/2008	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	2/26/2008	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	12/21/2009	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	12/22/2009	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	2/26/2010	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	8/12/2010	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	8/13/2010	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	4/4/2012	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	4/27/2012	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	6/6/2012	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	4/5/2013	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	5/24/2013	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	8/22/2013	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	5/25/2014	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	5/29/2014	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	11/25/2014	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	12/1/2014	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	12/2/2014	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	7/29/2015	29	29	1.62	54.94	7566	47.1961%	Chloride	--	mg/L	500	28.3	#VALUE!	148090.6721
5439000	3/29/1926	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/3/1926	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	8/3/1926	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	11/1/1926	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	11/2/1926	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	12/19/1926	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/21/1926	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	6/19/1927	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	3/18/1928	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	3/19/1928	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/22/1928	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	8/9/1928	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	11/13/1928	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	11/14/1928	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	4/12/1930	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	4/13/1930	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/16/1930	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	6/13/1931	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	2/3/1932	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	2/25/1932	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	2/26/1932	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	2/27/1932	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	3/18/1932	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	4/17/1932	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	3/17/1933	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	6/8/1933	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	12/1/1979	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	12/6/1979	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	12/7/1979	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	1/18/1980	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/9/1980	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/10/1980	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/11/1980	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/13/1980	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/20/1980	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	7/9/1980	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	7/10/1980	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/25/1980	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	3/14/1981	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	3/15/1981	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	7/8/1981	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	11/9/1981	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	3/5/1982	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/9/1982	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/10/1982	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/16/1982	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	1/21/1983	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	6/24/1983	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	7/25/1983	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	12/27/1983	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	12/30/1983	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	10/29/1984	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	11/14/1984	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	12/8/1984	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	1/20/1985	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	4/28/1985	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	4/30/1985	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/17/1985	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	10/23/1985	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	11/9/1986	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	11/13/1986	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	1/9/1987	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	3/4/1987	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	3/19/1987	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/12/1987	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/14/1987	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	10/19/1987	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/21/1988	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/22/1988	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/27/1988	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/28/1988	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	11/19/1988	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	1/15/1989	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	3/19/1989	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	6/16/1989	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	9/30/1989	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	1/6/1990	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	7/17/1990	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	8/16/1990	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	10/21/1990	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	1/12/1991	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	1/15/1991	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	6/30/1991	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	2/11/1992	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	2/17/1992	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/17/1992	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	11/10/1993	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	11/11/1993	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	12/1/1993	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	4/8/1994	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	4/16/1994	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	3/7/1995	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	7/11/1995	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	9/7/1995	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	11/30/1995	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	12/8/1995	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	2/9/1996	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	4/22/1996	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/4/1996	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/13/1996	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	12/11/1996	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	7/1/1997	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	1/21/1998	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	11/5/1998	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	11/29/1998	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	3/19/2000	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/25/2000	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	11/17/2000	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	1/29/2001	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/17/2001	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/18/2001	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/22/2001	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	4/16/2004	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	12/11/2004	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	3/22/2005	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/22/2005	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	4/8/2006	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	10/3/2006	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	1/24/2007	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	6/13/2007	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	6/14/2007	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	6/29/2007	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	7/5/2007	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	12/14/2007	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	2/5/2008	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	2/6/2008	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	2/27/2008	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	6/27/2008	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	7/13/2009	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	8/18/2009	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/1/2009	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	12/10/2009	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	2/27/2010	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	6/10/2010	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	9/29/2011	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	4/5/2012	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	10/17/2012	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/26/2013	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	7/17/2013	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	5/27/2014	28	28	1.62	53.33	7683	47.9259%	Chloride	--	mg/L	500	28.3	#VALUE!	143732.1489
5439000	1/20/1926	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	5/1/1926	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	11/3/1926	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	11/4/1926	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	10/2/1927	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	3/23/1928	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	11/15/1928	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	10/27/1929	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	10/30/1929	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	4/14/1930	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	10/7/1930	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	4/7/1931	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	6/28/1931	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	4/18/1932	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	4/28/1932	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	5/16/1932	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	3/5/1933	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	3/6/1933	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	5/21/1980	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	6/21/1980	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	10/12/1981	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/15/1981	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	12/21/1981	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	5/20/1982	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	5/26/1982	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	6/14/1982	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	8/10/1982	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	1/22/1983	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	6/25/1983	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	11/15/1984	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	12/9/1984	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	1/22/1985	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	4/29/1985	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	5/1/1985	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	7/7/1985	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	7/9/1985	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	1/26/1986	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	2/27/1986	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	4/6/1986	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	5/15/1986	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	7/4/1986	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	11/18/1986	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	12/26/1986	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	12/29/1986	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	12/30/1986	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	1/2/1987	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	1/13/1987	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	4/2/1987	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	6/23/1987	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	10/18/1987	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	10/20/1987	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	10/24/1987	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/25/1989	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	1/27/1989	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	7/18/1990	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	8/30/1990	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	1/10/1991	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	1/14/1991	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	6/23/1991	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	11/25/1991	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	2/13/1992	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	5/23/1992	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	8/1/1992	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	8/3/1992	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	9/17/1992	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	9/23/1992	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	11/16/1993	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	11/17/1993	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	1/5/1994	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	4/9/1994	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	2/17/1995	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	2/18/1995	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	12/2/1995	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	12/5/1995	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	1/18/1996	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	2/29/1996	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	7/12/1996	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	7/15/1996	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	6/10/1997	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	6/18/1997	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	7/16/1998	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	11/27/1998	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	11/28/1998	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/21/1998	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	7/6/1999	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	3/16/2000	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	7/21/2000	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	9/12/2000	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	5/24/2001	27	27	1.62	51.71	7823	48.7992%	Chloride	59.50	mg/L	500	28.3	16585.46147	139373.6258
5439000	6/26/2001	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	12/3/2001	27	27	1.62	51.71	7823	48.7992%	Chloride	46.90	mg/L	500	28.3	13073.2461	139373.6258
5439000	12/20/2001	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	8/24/2002	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	12/15/2003	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	7/7/2004	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	3/21/2005	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	4/8/2005	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	6/23/2006	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	9/11/2006	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	6/12/2007	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	9/19/2007	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	10/16/2007	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	2/10/2008	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	5/10/2008	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	7/7/2008	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	1/24/2009	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	2/10/2010	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	2/11/2010	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	2/12/2010	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	2/13/2010	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	2/16/2010	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	2/21/2010	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	6/11/2010	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	7/10/2010	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/7/2011	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	6/7/2012	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	4/6/2013	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	5/25/2013	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	10/20/2014	27	27	1.62	51.71	7823	48.7992%	Chloride	--	mg/L	500	28.3	#VALUE!	139373.6258
5439000	2/2/1926	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	3/11/1926	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	3/27/1926	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	7/7/1926	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	8/27/1926	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	6/20/1927	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	6/28/1927	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	9/29/1927	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	10/23/1927	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	2/24/1928	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	7/30/1928	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	10/23/1928	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	11/6/1928	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	11/16/1928	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	1/17/1929	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	1/18/1929	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	1/19/1929	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	2/4/1929	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	6/3/1929	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	7/9/1929	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	10/25/1929	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	11/6/1929	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	5/18/1930	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	3/27/1931	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	4/8/1931	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	4/20/1932	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/29/1932	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	4/30/1932	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	6/10/1932	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	2/6/1933	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	2/20/1933	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	12/8/1979	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	1/7/1980	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	3/28/1980	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	5/12/1980	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	5/14/1980	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	5/22/1980	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	5/24/1980	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	6/22/1980	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	11/14/1980	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	12/24/1980	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	12/26/1980	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	3/16/1981	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	3/17/1981	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	7/9/1981	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	10/13/1981	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	11/25/1981	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	12/16/1981	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	12/18/1981	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	5/18/1982	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	6/26/1984	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	5/6/1985	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	2/28/1986	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	3/1/1986	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	4/7/1986	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	10/17/1986	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	12/27/1986	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/28/1986	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	12/31/1986	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	1/1/1987	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	1/6/1987	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	3/18/1987	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	3/25/1987	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	5/13/1987	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	8/2/1987	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	5/29/1988	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	8/9/1988	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	11/28/1988	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	4/5/1989	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	6/17/1989	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	6/18/1989	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	8/21/1989	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	10/6/1989	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	8/9/1990	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	10/11/1990	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	1/16/1991	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	1/18/1991	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	1/19/1991	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	1/23/1991	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	2/28/1991	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	5/18/1992	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	7/19/1992	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	7/24/1992	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	9/21/1992	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	8/17/1993	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	8/28/1993	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	11/18/1993	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	11/20/1993	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/25/1993	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	4/18/1994	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	7/15/1994	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	7/16/1994	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	7/17/1994	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	7/12/1995	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	7/13/1995	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	12/9/1995	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	4/18/1996	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	4/21/1996	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	7/11/1996	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	8/29/1996	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	2/6/1997	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	6/19/1997	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	11/6/1998	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	12/1/1998	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	7/9/1999	26	26	1.62	50.09	7942	49.5415%	Chloride	78.30	mg/L	500	28.3	21143.36507	135015.1026
5439000	5/26/2000	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	11/1/2001	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	12/2/2001	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	12/4/2001	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	12/5/2001	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	12/22/2001	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	7/1/2002	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	6/10/2003	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	2/21/2004	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	4/17/2004	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	1/22/2005	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	4/14/2005	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	5/13/2005	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	4/26/2006	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/25/2006	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	5/18/2007	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	5/19/2007	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	5/20/2007	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	6/26/2007	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	12/11/2007	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	7/26/2008	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	9/4/2008	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	11/29/2008	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	2/14/2010	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	2/15/2010	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	2/17/2010	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	2/20/2010	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	2/24/2010	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	2/25/2010	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	7/15/2010	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	7/8/2011	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	4/6/2012	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	4/8/2012	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	4/9/2012	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	4/10/2012	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	4/14/2012	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	6/8/2012	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	2/20/2014	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	2/23/2014	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	5/4/2014	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	5/9/2014	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	5/13/2014	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	5/26/2014	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	7/24/2014	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026
5439000	11/30/2014	26	26	1.62	50.09	7942	49.5415%	Chloride	--	mg/L	500	28.3	#VALUE!	135015.1026

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/18/1926	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	3/9/1926	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	5/2/1926	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	11/5/1926	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	11/6/1926	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	12/18/1926	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	3/4/1927	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	5/17/1928	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	7/10/1929	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	7/27/1929	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	5/17/1930	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	5/19/1930	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	10/11/1930	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	12/1/1930	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	3/26/1931	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	2/9/1932	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	4/19/1932	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	4/21/1932	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	2/13/1933	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	12/2/1979	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/4/1980	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	3/27/1980	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	5/15/1980	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	5/23/1980	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	5/25/1980	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	6/23/1980	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	8/31/1981	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	9/1/1981	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	11/10/1981	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	11/20/1981	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	12/17/1981	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/19/1981	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	12/22/1981	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	3/9/1982	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	5/13/1982	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	6/23/1982	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/23/1983	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	2/15/1983	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	6/26/1983	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	12/31/1983	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	3/13/1984	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	12/10/1984	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	5/2/1985	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	8/1/1985	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/3/1986	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	5/13/1986	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	5/14/1986	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	6/24/1986	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	6/27/1986	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	10/19/1986	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/7/1987	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/11/1987	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/14/1987	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/15/1987	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	3/11/1987	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	3/24/1987	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	4/3/1987	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	6/24/1987	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	10/21/1987	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	10/27/1987	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	5/30/1988	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	11/18/1988	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/28/1989	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	3/20/1989	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	3/26/1989	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	7/13/1989	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	7/26/1989	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/11/1990	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	7/31/1990	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	11/26/1990	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/17/1991	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/20/1991	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/21/1991	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/22/1991	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/24/1991	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/25/1991	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/26/1991	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/27/1991	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/28/1991	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	2/1/1991	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	8/8/1991	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	11/24/1991	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	11/26/1991	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	11/28/1991	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	2/14/1992	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	5/19/1992	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	5/22/1992	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	11/30/1993	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/24/1994	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	2/16/1994	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	4/10/1994	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	4/17/1994	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	7/10/1994	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/14/1994	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	8/15/1994	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	8/19/1994	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	10/6/1995	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	11/6/1995	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	12/4/1995	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	12/10/1995	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/20/1996	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	2/28/1996	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	3/26/1996	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	7/14/1996	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	9/27/1996	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	12/20/1996	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	12/21/1996	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	12/28/1996	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/11/1997	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/25/1997	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	2/5/1997	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	2/18/1997	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	6/20/1997	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	6/21/1997	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	7/2/1997	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	11/9/1998	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	12/22/1998	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	7/23/1999	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	10/1/1999	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	3/24/2000	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	4/17/2000	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	5/30/2000	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	5/23/2001	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	6/27/2001	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/6/2001	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	12/24/2001	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	2/10/2002	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	7/2/2002	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	8/14/2002	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	6/11/2003	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	4/18/2004	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	4/19/2004	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	7/8/2004	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	11/28/2004	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	4/9/2005	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	4/15/2005	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	4/17/2005	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	4/18/2005	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	4/25/2005	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	5/23/2005	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	6/5/2006	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	6/6/2006	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	7/4/2006	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	8/3/2006	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	2/9/2008	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	12/7/2008	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	7/15/2009	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	2/18/2010	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	2/19/2010	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	2/28/2010	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/7/2011	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	6/9/2012	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	2/7/2013	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	2/16/2013	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	2/18/2013	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/2/2014	25	25	1.62	48.48	8092	50.4772%	Chloride	--	mg/L	500	28.3	#VALUE!	130656.5795
5439000	1/21/1926	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/8/1926	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	11/7/1926	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	11/8/1926	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	12/26/1926	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	1/5/1927	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/6/1927	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/11/1927	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/20/1928	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/21/1928	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/14/1928	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	11/10/1929	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/25/1930	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	5/20/1930	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	10/20/1930	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/16/1931	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	6/14/1931	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	6/22/1931	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	10/12/1931	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	10/14/1931	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	2/23/1932	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/24/1932	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/7/1932	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	2/14/1933	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	12/5/1979	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	1/8/1980	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	1/19/1980	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/26/1980	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	6/24/1980	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	11/10/1980	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/13/1980	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	12/2/1980	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	12/27/1980	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/18/1981	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/10/1981	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	11/11/1981	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	12/20/1981	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/10/1982	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	5/14/1982	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	5/17/1982	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	1/24/1983	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	2/2/1983	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/26/1983	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	6/28/1984	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	1/21/1985	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	1/24/1985	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/8/1985	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/14/1985	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	12/24/1985	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	1/2/1986	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	1/27/1986	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/8/1986	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/5/1986	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/26/1986	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	10/18/1986	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	10/20/1986	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	10/21/1986	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	11/10/1986	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	11/11/1986	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	11/15/1986	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	1/3/1987	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/10/1987	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/14/1987	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/20/1987	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/21/1987	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/22/1987	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	5/17/1987	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	6/25/1987	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	10/22/1987	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	10/23/1987	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	10/26/1987	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/21/1989	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/25/1989	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/6/1989	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/7/1989	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/8/1989	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	8/22/1989	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	10/3/1989	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	1/22/1990	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	1/24/1990	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	8/31/1990	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	10/17/1990	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	10/22/1990	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	1/29/1991	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/3/1991	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	5/20/1992	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	5/21/1992	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/2/1992	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/23/1992	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/30/1992	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	9/29/1992	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	8/11/1993	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/18/1993	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	11/21/1993	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	1/6/1994	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	1/23/1994	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/11/1994	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/19/1994	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/25/1994	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/30/1994	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/14/1995	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/20/1995	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/23/1996	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	5/5/1996	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	5/6/1996	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	12/22/1996	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	12/24/1996	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	1/23/1997	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	2/7/1997	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	11/7/1998	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	12/2/1998	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	12/3/1998	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	10/4/1999	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/21/2000	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/25/2000	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/27/2000	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	5/29/2000	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	10/7/2000	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	11/7/2000	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	11/18/2000	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	11/19/2000	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	5/19/2001	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	5/20/2001	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/25/2001	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	6/28/2001	24	24	1.62	46.86	8248	51.4503%	Chloride	68.70	mg/L	500	28.3	17353.35294	126298.0563
5439000	12/21/2001	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	11/3/2003	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/10/2005	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/16/2005	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/19/2005	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/20/2005	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/24/2005	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/26/2005	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	5/14/2005	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	3/17/2006	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/27/2006	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	5/21/2007	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	6/17/2007	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	6/30/2007	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	8/1/2007	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	12/3/2008	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	1/25/2009	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	1/26/2009	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	8/21/2009	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	8/2/2010	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/9/2011	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/12/2011	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/22/2011	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/7/2012	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/11/2012	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/12/2012	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	4/13/2012	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/18/2013	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	9/5/2014	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/28/2014	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	7/30/2015	24	24	1.62	46.86	8248	51.4503%	Chloride	--	mg/L	500	28.3	#VALUE!	126298.0563
5439000	6/28/1926	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	8/4/1926	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	1/6/1927	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	3/8/1927	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	3/9/1927	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	3/10/1927	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	10/24/1927	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	1/1/1928	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	1/25/1928	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	3/22/1928	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/1/1928	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	10/24/1928	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	2/5/1929	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	6/4/1929	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	6/11/1929	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	7/18/1929	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	11/7/1929	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	1/26/1931	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	4/22/1931	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	11/17/1931	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	3/20/1932	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/1/1932	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	6/17/1932	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	8/28/1932	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	9/13/1932	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	2/15/1933	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	6/9/1933	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	7/17/1933	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	12/14/1979	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/5/1980	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	1/23/1980	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/16/1980	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	6/25/1980	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	6/29/1980	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	12/28/1980	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	3/19/1981	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	3/20/1981	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	8/19/1981	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	11/24/1981	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/21/1982	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	8/11/1982	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	7/11/1984	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/3/1985	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/4/1985	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/12/1985	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/18/1985	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/20/1985	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/27/1985	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	12/22/1985	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	12/23/1985	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	12/28/1985	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	1/4/1986	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	2/12/1986	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	4/14/1986	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/1/1986	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	11/20/1986	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	1/4/1987	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	1/5/1987	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	2/1/1987	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	2/8/1987	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/12/1987	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	3/13/1987	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	3/23/1987	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	4/4/1987	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	4/5/1987	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	4/6/1987	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	4/7/1987	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	4/10/1987	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	4/12/1987	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/15/1987	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/16/1987	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/31/1988	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	11/20/1988	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	1/16/1989	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	1/20/1989	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	3/22/1989	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	3/24/1989	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	6/19/1989	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	1/7/1990	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	1/23/1990	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	1/30/1991	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	6/24/1991	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	9/13/1993	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	11/22/1993	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	11/24/1993	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	1/22/1994	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	1/25/1994	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/1/1994	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	7/11/1994	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	7/12/1994	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	8/21/1994	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/8/1995	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	3/9/1995	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	7/15/1995	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	12/11/1995	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	3/1/1996	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	4/17/1996	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	4/25/1996	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/7/1996	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/8/1996	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	8/30/1996	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	10/30/1996	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	12/23/1996	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	12/25/1996	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	2/8/1997	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	1/22/1998	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	11/8/1998	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	12/4/1998	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	12/23/1998	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	3/17/2000	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	3/18/2000	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	7/22/2000	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	11/20/2000	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	10/15/2001	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	12/7/2001	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	12/27/2001	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	7/11/2004	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	11/1/2004	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	12/12/2004	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	7/5/2006	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	9/4/2006	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	9/20/2007	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/18/2007	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	12/2/2008	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	12/6/2008	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	7/14/2009	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	8/15/2010	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	1/10/2011	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	8/21/2011	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	6/10/2012	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/5/2014	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	8/8/2014	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	8/11/2014	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	10/21/2014	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	11/27/2014	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	12/3/2014	23	23	1.62	45.24	8404	52.4234%	Chloride	--	mg/L	500	28.3	#VALUE!	121939.5331
5439000	5/4/1926	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	3/7/1927	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	6/29/1927	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	5/2/1928	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	9/15/1928	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	8/5/1929	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	10/29/1929	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	5/21/1930	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	4/9/1931	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	4/13/1931	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	5/21/1931	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	10/13/1931	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	2/4/1932	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	4/22/1932	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	4/23/1932	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	5/17/1932	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	1/5/1933	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/9/1933	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	2/12/1933	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	2/16/1933	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	2/17/1933	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	2/18/1933	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/4/1979	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/10/1979	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/12/1979	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	1/6/1980	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	1/17/1980	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	1/24/1980	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	3/6/1980	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	3/12/1980	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	5/26/1980	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	8/2/1980	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	8/6/1980	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	11/12/1980	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	11/15/1980	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/6/1980	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/29/1980	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/30/1980	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	3/29/1981	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	3/30/1981	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	7/11/1981	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	11/12/1981	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	11/13/1981	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	3/8/1982	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	5/22/1982	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	6/24/1982	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	11/7/1982	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	1/25/1983	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/6/1983	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	1/1/1984	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	6/29/1984	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	5/19/1985	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	6/17/1985	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	7/11/1985	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/27/1985	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/29/1985	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	1/5/1986	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	1/28/1986	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	4/9/1986	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	4/15/1986	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	6/25/1986	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	6/26/1986	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	6/28/1986	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	7/27/1986	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	10/22/1986	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	10/23/1986	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	10/24/1986	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	11/12/1986	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	11/14/1986	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	11/16/1986	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	11/19/1986	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	1/8/1987	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	1/12/1987	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	3/15/1987	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	3/26/1987	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	4/8/1987	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	6/26/1987	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	10/25/1987	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	6/1/1988	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/10/1988	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	11/15/1988	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	2/2/1989	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	3/23/1989	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	4/28/1989	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	5/19/1989	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	8/28/1989	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	10/4/1989	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	1/8/1990	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	1/12/1990	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	8/1/1990	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	8/10/1990	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	9/7/1990	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	10/23/1990	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	1/31/1991	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	6/25/1991	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	9/13/1991	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	11/17/1991	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	5/24/1992	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	7/20/1992	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	9/30/1992	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	8/13/1993	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	11/23/1993	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	1/7/1994	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	1/11/1994	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	11/7/1995	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/6/1995	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/12/1995	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	3/27/1996	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	8/31/1996	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/19/1996	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/2/1997	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	2/9/1997	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	6/22/1997	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	1/23/1998	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	7/17/1998	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	8/5/1998	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/5/1998	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	7/7/1999	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	3/22/2000	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	3/28/2000	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	4/10/2000	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	9/23/2000	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	11/26/2000	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	6/29/2001	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	11/2/2001	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/8/2001	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/26/2001	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/28/2001	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	6/12/2003	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/16/2003	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	2/20/2004	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	7/21/2004	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/6/2004	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	1/23/2005	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	4/11/2005	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	4/27/2005	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	3/12/2006	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	6/7/2006	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	6/24/2006	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	11/29/2006	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/11/2006	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/6/2007	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	9/21/2007	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	2/28/2008	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	6/30/2008	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	7/8/2008	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	7/30/2008	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	12/4/2008	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	9/2/2009	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	7/16/2010	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	7/10/2011	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	8/25/2011	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	6/11/2012	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	10/19/2012	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	5/6/2014	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	5/30/2014	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	7/25/2014	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	10/13/2014	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	7/31/2015	22	22	1.62	43.62	8540	53.2718%	Chloride	--	mg/L	500	28.3	#VALUE!	117581.01
5439000	3/13/1926	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	5/5/1926	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	6/29/1926	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	1/4/1927	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	6/30/1927	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	5/4/1928	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	6/5/1929	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	10/28/1929	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	11/8/1929	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	12/30/1929	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	10/17/1930	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	6/29/1931	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	11/16/1931	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/8/1932	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	5/2/1932	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	5/3/1932	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/8/1932	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	12/31/1932	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	2/10/1933	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	2/11/1933	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	2/19/1933	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	3/13/1933	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	12/3/1979	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	12/11/1979	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	2/28/1980	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	6/26/1980	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/23/1980	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	11/11/1980	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	12/31/1980	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	3/21/1981	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/12/1981	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	9/26/1981	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	9/27/1981	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	11/14/1981	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	11/15/1981	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	11/19/1981	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	3/6/1982	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/27/1983	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	1/2/1984	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	3/14/1984	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	11/16/1984	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	12/25/1985	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	12/26/1985	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	12/30/1985	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/1/1986	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	2/2/1986	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	4/10/1986	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	4/11/1986	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	4/17/1986	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/28/1986	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	9/27/1986	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	1/19/1987	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	2/28/1987	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	4/9/1987	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	4/13/1987	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	10/28/1987	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	6/2/1988	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	4/9/1989	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	6/20/1989	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	6/21/1989	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	8/23/1989	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	11/15/1989	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	9/1/1990	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	10/10/1990	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	10/24/1990	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	6/26/1991	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/4/1991	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	5/25/1992	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	5/26/1992	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	9/24/1992	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	8/19/1993	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	9/7/1993	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	1/12/1994	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	1/26/1994	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	2/15/1994	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/20/1994	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	4/24/1994	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	4/29/1994	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	6/17/1994	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/13/1994	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/18/1994	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	12/13/1995	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	1/17/1996	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	4/26/1996	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/16/1996	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	12/26/1996	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	12/29/1996	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	1/14/1997	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	1/22/1997	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	1/26/1997	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	2/4/1997	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	2/10/1997	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	2/17/1997	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	6/23/1997	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/3/1997	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	1/24/1998	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	1/25/1998	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/20/1998	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/10/1999	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	2/22/2000	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	3/23/2000	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	3/26/2000	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	4/9/2000	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	8/10/2000	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	10/8/2000	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	11/21/2000	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/22/2000	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/3/2001	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	11/3/2001	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	6/13/2003	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/14/2003	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/12/2004	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	2/3/2005	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	4/21/2005	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	4/9/2006	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	12/9/2006	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	12/10/2006	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	5/22/2007	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	9/22/2007	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/29/2008	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	8/4/2008	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	12/8/2008	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	1/23/2009	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	1/27/2009	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/16/2009	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/17/2009	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/24/2009	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	1/11/2011	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/23/2011	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/26/2011	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	6/12/2012	21	21	1.62	42.01	8699	54.2636%	Chloride	75.10	mg/L	500	28.3	17006.01752	113222.4868
5439000	2/22/2013	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/19/2013	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	4/27/2014	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	5/7/2014	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	7/26/2014	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	9/4/2014	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/10/2015	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	8/10/2015	21	21	1.62	42.01	8699	54.2636%	Chloride	--	mg/L	500	28.3	#VALUE!	113222.4868
5439000	2/4/1926	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	3/28/1926	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	7/9/1926	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	9/9/1926	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/18/1927	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/2/1928	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/6/1928	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/26/1928	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	2/18/1928	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	2/19/1928	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/3/1928	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/5/1928	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	7/15/1928	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	7/31/1928	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	8/1/1928	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	8/10/1928	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/16/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	2/6/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	2/25/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/20/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/21/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/22/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/23/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/24/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/25/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/26/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/27/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/28/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/29/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/30/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/1/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/2/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/3/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/4/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/5/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/6/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/7/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/8/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/9/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/13/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/29/1929	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	10/21/1930	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	4/10/1931	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	2/7/1932	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	3/23/1932	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/18/1932	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/19/1932	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	6/11/1932	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	6/18/1932	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/4/1933	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	6/10/1933	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/19/1979	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/23/1979	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/22/1980	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/27/1980	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	6/27/1980	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	8/3/1980	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/16/1980	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/28/1980	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/1/1981	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/6/1981	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	3/22/1981	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	4/12/1981	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	7/13/1981	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	8/28/1981	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/16/1981	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/17/1981	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/18/1981	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	8/12/1982	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/1/1982	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/8/1982	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/26/1983	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/27/1983	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	2/3/1983	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	8/4/1983	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	9/17/1983	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	9/20/1983	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	10/23/1983	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/11/1984	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/29/1985	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/7/1985	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/8/1985	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/10/1985	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/11/1985	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/14/1985	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	6/24/1985	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/6/1986	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/29/1986	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	4/12/1986	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/17/1986	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/21/1986	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/27/1987	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	3/28/1987	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	10/29/1987	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	10/30/1987	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/29/1988	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/19/1989	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/21/1989	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/20/1989	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/24/1989	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	6/22/1989	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/16/1989	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	8/2/1990	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	10/12/1990	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	10/15/1990	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	6/27/1991	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	7/1/1991	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/27/1991	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/27/1992	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	6/17/1992	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	8/26/1992	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	9/18/1992	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	9/20/1992	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	9/25/1992	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	8/14/1993	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	9/11/1993	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/8/1994	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/9/1994	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/10/1994	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/13/1994	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/21/1994	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/27/1994	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/31/1994	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	2/1/1994	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	2/2/1994	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	2/3/1994	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	2/4/1994	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	2/14/1994	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	4/21/1994	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	4/22/1994	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	4/27/1994	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	4/28/1994	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/2/1994	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/7/1994	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	8/18/1995	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/14/1995	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/15/1995	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	4/24/1996	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/27/1996	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/12/1997	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/13/1997	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/21/1997	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/27/1997	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	2/11/1997	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/26/1998	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	7/18/1998	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/24/1998	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	7/8/1999	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	4/18/2000	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	9/24/2000	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	6/30/2001	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	9/20/2001	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/4/2001	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/9/2001	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/12/2001	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	7/3/2002	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	8/4/2002	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	6/14/2003	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	6/19/2003	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/15/2005	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/24/2005	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	6/5/2005	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	4/10/2006	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	4/12/2006	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	4/28/2006	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	4/29/2006	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	6/16/2007	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	7/1/2007	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/15/2007	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/21/2007	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	7/27/2008	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	12/5/2008	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	7/25/2009	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	8/17/2009	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	8/20/2009	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	7/17/2010	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/8/2011	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/9/2011	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	1/18/2011	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/3/2011	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	6/13/2012	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	10/14/2012	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	2/2/2013	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	2/17/2013	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/26/2014	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/8/2014	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	5/10/2014	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	8/12/2014	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	8/1/2015	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	8/2/2015	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	8/3/2015	20	20	1.62	40.39	8838	55.1307%	Chloride	--	mg/L	500	28.3	#VALUE!	108863.9637
5439000	11/14/1925	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	2/3/1926	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	2/5/1926	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	5/6/1926	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	9/6/1926	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	9/7/1926	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	12/27/1926	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	10/26/1927	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	5/6/1928	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	5/23/1928	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	8/3/1928	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	6/6/1929	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	7/28/1929	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	11/9/1929	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	12/14/1929	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	5/22/1930	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	4/21/1931	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	4/23/1931	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	6/15/1931	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	7/6/1931	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	10/11/1931	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	10/15/1931	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	11/13/1931	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	2/5/1932	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/6/1932	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	3/22/1932	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	5/20/1932	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	5/27/1932	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	2/8/1933	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	7/18/1933	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	12/15/1979	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/9/1980	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	6/30/1980	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	8/4/1980	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	11/17/1980	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	11/18/1980	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	12/5/1980	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/2/1981	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	3/23/1981	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	3/24/1981	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	3/25/1981	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	3/26/1981	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	7/15/1981	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	8/20/1981	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	9/2/1981	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	11/23/1981	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	12/23/1981	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	5/23/1982	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	10/21/1982	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/28/1983	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/29/1983	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	2/7/1983	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/3/1984	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/7/1984	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/8/1984	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/30/1984	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	11/17/1984	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	11/18/1984	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	11/19/1984	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/25/1985	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/28/1985	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	5/9/1985	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	5/21/1985	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	6/22/1985	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	7/15/1985	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	10/13/1985	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	12/31/1985	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/30/1986	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	2/13/1986	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	2/18/1986	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	4/13/1986	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	4/16/1986	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	4/18/1986	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	11/22/1986	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	2/11/1987	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	3/16/1987	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	10/31/1987	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	6/3/1988	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	11/13/1988	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	11/21/1988	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/17/1989	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/24/1989	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	5/23/1989	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	8/24/1989	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	10/7/1989	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	10/10/1989	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/11/1989	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/13/1990	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	10/16/1990	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	3/13/1991	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	3/14/1991	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	6/28/1991	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	10/30/1991	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	6/5/1992	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	7/25/1992	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	10/1/1992	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	8/8/1993	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	8/20/1993	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	9/8/1993	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/14/1994	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/15/1994	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/28/1994	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/29/1994	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/30/1994	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	2/5/1994	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	2/6/1994	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	4/23/1994	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	5/3/1994	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	5/4/1994	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	5/5/1994	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	6/19/1994	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	8/10/1994	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	7/16/1995	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	3/28/1996	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	9/1/1996	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/1/1997	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/15/1997	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/16/1997	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/17/1997	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/19/1997	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/20/1997	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	2/2/1997	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	2/3/1997	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	2/12/1997	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	2/16/1997	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	6/24/1997	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/27/1998	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/28/1998	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/31/1998	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	7/22/1998	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	7/24/1999	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	10/3/1999	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	10/5/1999	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	4/8/2000	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	4/11/2000	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	4/16/2000	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	7/23/2000	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	11/27/2000	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	12/4/2000	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	12/7/2000	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	12/8/2000	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	7/1/2001	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	10/22/2001	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	12/10/2001	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	12/29/2001	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	7/4/2002	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	10/4/2002	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	3/17/2003	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/20/2003	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	11/5/2003	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	7/13/2004	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/24/2005	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	4/11/2006	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	6/8/2006	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	5/23/2007	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	6/15/2007	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	7/3/2007	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	8/2/2007	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	1/19/2011	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	2/13/2011	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	7/13/2011	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	6/14/2012	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	6/15/2012	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	6/16/2012	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	6/17/2012	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	2/8/2013	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	6/1/2014	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	8/2/2014	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	8/23/2014	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	9/13/2014	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	11/29/2014	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	12/16/2014	19	19	1.62	38.77	9029	56.3221%	Chloride	--	mg/L	500	28.3	#VALUE!	104505.4405
5439000	4/4/1926	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	5/7/1926	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	6/30/1926	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/2/1927	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/7/1927	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	10/25/1927	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	10/27/1927	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/14/1927	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/3/1928	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/4/1928	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/20/1928	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	5/7/1928	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	8/2/1928	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	10/26/1928	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/7/1929	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	6/7/1929	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/12/1929	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/15/1929	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/16/1929	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/17/1929	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/28/1929	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	5/23/1930	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	5/24/1930	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	6/28/1930	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/12/1930	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	10/18/1930	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/2/1930	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	4/24/1931	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	5/20/1931	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	5/22/1931	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	11/15/1931	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	3/21/1932	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	5/21/1932	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	6/19/1932	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/1/1933	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/3/1933	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	6/11/1933	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/17/1979	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/18/1979	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/20/1979	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/10/1980	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/12/1980	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/20/1980	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/27/1980	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/1/1980	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	11/19/1980	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	11/20/1980	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	11/21/1980	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	11/23/1980	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	11/29/1980	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/1/1980	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/3/1981	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/5/1981	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/7/1981	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	3/27/1981	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/14/1981	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	11/21/1981	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	3/7/1982	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	8/13/1982	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/30/1983	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/31/1983	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/1/1983	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/4/1983	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/5/1983	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/28/1983	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/4/1984	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/6/1984	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	9/25/1984	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/27/1985	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/30/1985	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	6/21/1985	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	6/23/1985	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/12/1985	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/13/1985	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/25/1985	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	10/12/1985	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/9/1986	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/10/1986	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/31/1986	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/1/1986	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	4/19/1986	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	5/5/1986	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	6/29/1986	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/29/1986	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/18/1987	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/10/1987	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	3/17/1987	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	6/27/1987	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	6/29/1987	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	6/4/1988	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	11/10/1988	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	11/30/1988	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/22/1989	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	4/12/1989	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	5/21/1989	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	6/23/1989	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	8/31/1989	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	10/8/1989	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	10/9/1989	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	10/21/1989	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/2/1990	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	10/14/1990	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	10/25/1990	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	10/27/1990	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	11/4/1990	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	11/3/1991	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	5/28/1992	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	5/29/1992	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	5/30/1992	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	5/31/1992	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	6/3/1992	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	6/4/1992	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	8/2/1992	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	8/21/1993	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	8/22/1993	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	9/9/1993	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/16/1994	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/17/1994	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/7/1994	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/8/1994	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/9/1994	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/10/1994	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/11/1994	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/12/1994	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/13/1994	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	5/6/1994	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	5/8/1994	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	10/8/1994	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	10/9/1994	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/16/1995	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/15/1996	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/2/1996	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	4/27/1996	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/30/1996	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/31/1996	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/18/1997	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/28/1997	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/29/1997	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/31/1997	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/1/1997	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/13/1997	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/15/1997	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/4/1997	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/8/1997	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/29/1998	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/30/1998	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/21/1998	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	8/7/1998	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	10/5/1998	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	3/29/2000	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	8/3/2000	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	9/11/2000	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	10/9/2000	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	11/8/2000	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	11/23/2000	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	11/25/2000	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	11/29/2000	18	18	1.62	37.16	9201	57.3950%	Chloride	78.40	mg/L	500	28.3	15703.03665	100146.9174
5439000	12/1/2000	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/2/2000	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/5/2000	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/6/2000	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	9/24/2001	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/5/2001	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/11/2001	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/5/2002	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/6/2002	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	3/15/2003	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	3/16/2003	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	8/1/2003	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	11/4/2003	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/20/2003	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	11/29/2004	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/13/2004	18	18	1.62	37.16	9201	57.3950%	Chloride	59.10	mg/L	500	28.3	11837.36563	100146.9174
5439000	1/30/2005	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	5/25/2005	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	6/9/2006	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/6/2006	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/20/2006	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/26/2007	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/27/2007	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	8/5/2007	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	9/23/2007	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/1/2008	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/2/2008	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	8/6/2008	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/30/2009	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	2/1/2009	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/18/2009	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	10/2/2009	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	8/16/2010	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/12/2011	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/15/2011	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	1/20/2011	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/30/2011	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	8/6/2011	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	8/9/2011	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	9/30/2011	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	5/31/2014	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	7/27/2014	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	11/23/2014	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/4/2014	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/17/2014	18	18	1.62	37.16	9201	57.3950%	Chloride	--	mg/L	500	28.3	#VALUE!	100146.9174
5439000	12/7/1925	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	5/8/1926	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/2/1926	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/10/1926	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	9/8/1926	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	9/10/1926	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	12/28/1926	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	10/28/1927	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/16/1928	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	10/25/1928	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	8/6/1929	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	5/25/1930	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	9/29/1930	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	10/12/1930	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/29/1931	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/11/1931	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	6/16/1931	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/2/1933	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/6/1933	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	11/21/1979	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	12/13/1979	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	12/21/1979	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/22/1979	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/11/1980	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/13/1980	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/16/1980	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/21/1980	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/25/1980	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/11/1980	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	11/24/1980	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	11/27/1980	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	12/3/1980	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	12/4/1980	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/8/1981	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	3/28/1981	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	3/31/1981	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/4/1981	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	11/22/1981	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	2/8/1983	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	2/9/1983	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	10/22/1983	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/5/1984	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/9/1984	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/1/1984	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	10/30/1984	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/26/1985	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	2/5/1985	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	2/10/1985	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	5/13/1985	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	5/22/1985	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	5/23/1985	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	5/28/1985	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	6/18/1985	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/7/1986	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/8/1986	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/17/1986	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	2/14/1986	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/21/1986	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	5/2/1986	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	5/6/1986	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	9/11/1986	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	9/23/1986	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	2/9/1987	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	6/28/1987	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	8/3/1987	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	6/5/1988	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/18/1988	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/18/1989	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/23/1989	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	2/3/1989	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/10/1989	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/11/1989	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/13/1989	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/14/1989	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/15/1989	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/17/1989	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/29/1989	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	5/22/1989	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	8/25/1989	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	8/29/1989	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	10/12/1989	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	10/26/1990	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	6/29/1991	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/5/1991	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/4/1991	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	6/1/1992	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	6/2/1992	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	10/15/1992	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/18/1994	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/19/1994	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/20/1994	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/21/1994	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	9/24/1994	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/17/1995	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	11/8/1995	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/21/1996	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/28/1996	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	9/8/1996	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	10/29/1996	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/30/1997	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	2/14/1997	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/5/1997	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	8/6/1998	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	8/28/1998	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	9/14/1998	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	10/2/1999	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/1/2000	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/2/2000	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/3/2000	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/7/2000	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/24/2000	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	8/17/2000	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	10/10/2000	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	11/24/2000	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	11/28/2000	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/30/2000	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	12/3/2000	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	12/10/2000	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/2/2001	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/4/2001	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	11/6/2001	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	8/5/2002	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	3/14/2003	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	6/15/2003	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/22/2003	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/14/2004	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	8/4/2004	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/2/2005	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/25/2005	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/29/2005	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/31/2005	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/28/2005	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/30/2005	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	5/16/2005	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	5/26/2005	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/30/2006	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	3/10/2006	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	3/18/2006	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/13/2006	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/14/2006	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	4/15/2006	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	5/24/2007	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/2/2007	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	9/24/2007	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	9/25/2007	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	9/26/2007	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/19/2007	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	11/21/2007	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	12/2/2007	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	12/16/2007	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	12/20/2007	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/3/2008	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/19/2009	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/23/2009	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	8/7/2009	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	9/3/2009	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/18/2010	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/23/2010	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/14/2011	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/16/2011	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/17/2011	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/21/2011	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/24/2011	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/25/2011	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/29/2011	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/14/2011	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/27/2011	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/30/2011	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	6/18/2012	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	7/20/2013	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	11/1/2013	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	5/12/2014	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	6/3/2014	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	8/1/2014	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	10/22/2014	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	12/9/2014	17	17	1.62	35.54	9403	58.6551%	Chloride	--	mg/L	500	28.3	#VALUE!	95788.39423
5439000	1/22/1926	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/14/1926	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	8/28/1926	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	9/5/1926	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	1/3/1927	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	1/7/1927	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	10/29/1927	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	3/5/1928	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/8/1928	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/9/1928	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/24/1928	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	6/8/1929	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	7/19/1929	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	7/20/1929	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	10/24/1929	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/26/1930	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/27/1930	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/28/1930	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	4/12/1931	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	4/25/1931	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	6/30/1931	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	11/14/1931	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/22/1932	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	6/12/1932	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	3/9/1933	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	6/12/1933	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	7/19/1933	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	12/16/1979	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	1/14/1980	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	1/15/1980	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	3/5/1980	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	3/15/1980	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/2/1980	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	7/17/1980	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	11/22/1980	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	11/30/1980	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	1/4/1981	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	1/9/1981	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	7/16/1981	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	8/21/1981	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/24/1982	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/25/1982	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	8/14/1982	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	10/19/1982	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	2/10/1983	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	2/11/1983	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	2/14/1983	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	9/21/1983	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	10/20/1984	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	11/20/1984	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	11/23/1984	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	11/26/1984	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	2/4/1985	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	2/6/1985	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	2/11/1985	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/24/1985	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/25/1985	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/26/1985	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	6/27/1985	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	1/11/1986	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	1/16/1986	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	4/20/1986	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/3/1986	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/4/1986	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/11/1986	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/12/1986	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	2/14/1987	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	6/30/1987	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	6/6/1988	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	4/16/1989	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	4/22/1989	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	6/24/1989	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	6/25/1989	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	6/26/1989	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	6/27/1989	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	8/26/1989	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	10/17/1989	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	10/20/1989	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	11/17/1989	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	9/21/1990	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	10/13/1990	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	7/2/1991	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	10/31/1991	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	6/6/1992	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	7/21/1992	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	7/26/1992	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	9/19/1992	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	10/2/1992	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	10/3/1992	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	9/12/1993	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/9/1994	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	6/18/1994	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	6/21/1994	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	7/19/1994	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/20/1994	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	8/12/1994	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	10/10/1994	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	12/17/1995	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	2/27/1996	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	3/24/1996	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	3/29/1996	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	9/2/1996	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	9/3/1996	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	7/23/1998	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	12/25/1998	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	7/11/1999	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	10/6/1999	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	3/30/2000	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	4/4/2000	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	4/6/2000	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	4/12/2000	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	4/15/2000	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	9/25/2000	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	1/15/2001	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	10/16/2001	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	11/7/2001	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	11/14/2001	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	12/30/2001	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	11/2/2004	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	11/30/2004	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	1/26/2005	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	1/28/2005	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	2/1/2005	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	4/29/2005	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/1/2005	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/17/2005	16	16	1.62	33.92	9579	59.7530%	Chloride	76.00	mg/L	500	28.3	13897.3404	91429.87108
5439000	5/27/2005	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/28/2005	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	3/9/2006	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	11/11/2006	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/25/2007	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	12/17/2007	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	7/28/2008	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	7/22/2009	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	7/26/2009	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	8/8/2009	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	9/2/2010	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	1/13/2011	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	1/22/2011	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	1/23/2011	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	1/26/2011	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	1/27/2011	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	1/28/2011	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	1/31/2011	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	7/15/2011	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	7/16/2011	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	8/3/2011	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	5/15/2014	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	6/4/2014	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	6/8/2014	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	10/24/2014	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	10/25/2014	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	12/5/2014	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	12/18/2014	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	12/19/2014	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	12/22/2014	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/4/2015	16	16	1.62	33.92	9579	59.7530%	Chloride	--	mg/L	500	28.3	#VALUE!	91429.87108
5439000	11/15/1925	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	1/8/1926	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	1/30/1926	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	5/9/1926	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/1/1926	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/11/1926	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/31/1926	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/1/1927	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	10/30/1927	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	11/2/1927	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	12/19/1927	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	1/5/1928	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	1/27/1928	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/21/1928	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/25/1928	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	3/4/1928	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	5/10/1928	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	5/25/1928	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	8/11/1928	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	8/31/1928	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/8/1929	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/23/1929	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/24/1929	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	10/23/1929	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	12/10/1929	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	12/11/1929	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	3/26/1930	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	10/13/1930	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	4/26/1931	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	5/23/1931	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/24/1931	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/7/1931	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	5/25/1932	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	1/7/1933	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	1/18/1933	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	1/26/1980	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/21/1980	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/5/1980	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	1/10/1981	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/16/1981	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	4/1/1981	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	4/3/1981	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	9/3/1981	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	9/28/1981	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/12/1983	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	1/10/1984	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/10/1984	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	10/18/1984	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	11/21/1984	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	11/22/1984	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	11/24/1984	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	1/31/1985	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/7/1985	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/9/1985	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/12/1985	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	5/30/1985	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	5/31/1985	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	6/19/1985	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	10/14/1985	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	10/18/1985	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	1/12/1986	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/15/1986	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/15/1986	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	4/25/1986	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	4/26/1986	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	4/28/1986	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	5/7/1986	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/30/1986	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	8/6/1986	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/17/1987	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	6/7/1988	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	6/8/1988	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	11/12/1988	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	11/22/1988	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	12/28/1988	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	4/18/1989	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	4/21/1989	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	4/23/1989	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	8/27/1989	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	11/18/1989	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	11/20/1989	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	9/3/1990	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	11/2/1990	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/6/1991	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	10/5/1991	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	11/4/1991	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	6/7/1992	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	10/8/1992	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	10/9/1992	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	10/16/1992	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	9/10/1993	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	5/10/1994	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/11/1994	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	5/12/1994	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/22/1994	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	8/16/1994	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/18/1995	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/21/1995	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	11/9/1995	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	1/22/1996	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	3/3/1996	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	9/4/1996	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/24/1998	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	9/15/1998	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	12/26/1998	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	12/6/1999	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	3/31/2000	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	4/5/2000	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	4/13/2000	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	4/14/2000	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/25/2000	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	8/11/2000	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	10/11/2000	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	12/9/2000	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	1/16/2001	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	11/8/2001	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	11/9/2001	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	1/5/2002	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	1/6/2002	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	1/9/2002	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/7/2002	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	3/20/2003	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	6/16/2003	15	15	1.62	32.31	9736	60.7323%	Chloride	251.00	mg/L	500	28.3	43709.81666	87071.34792

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/7/2003	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	12/18/2003	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/15/2004	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	12/1/2004	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	12/14/2004	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	1/27/2005	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/2/2005	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	5/2/2005	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	5/18/2005	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	6/4/2005	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	3/11/2006	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/24/2007	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/25/2007	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	9/27/2007	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	10/1/2007	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	10/3/2007	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	12/18/2007	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	9/5/2008	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/4/2009	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/24/2009	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/20/2009	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	9/4/2009	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/19/2010	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	8/17/2010	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	8/2/2011	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	6/19/2012	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/7/2012	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	2/23/2013	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/21/2013	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	5/14/2014	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	7/28/2014	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/4/2014	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	10/23/2014	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	12/8/2014	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	12/20/2014	15	15	1.62	32.31	9736	60.7323%	Chloride	--	mg/L	500	28.3	#VALUE!	87071.34792
5439000	11/16/1925	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/17/1926	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	3/30/1926	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	5/10/1926	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	8/5/1926	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	9/3/1926	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	9/4/1926	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	9/14/1926	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	12/30/1926	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	12/31/1926	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/1/1927	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/2/1927	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/10/1927	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/13/1927	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/18/1927	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	3/3/1928	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	5/26/1928	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	5/27/1928	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/17/1928	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	8/12/1928	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	6/9/1929	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	6/10/1929	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	12/18/1929	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	2/9/1931	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	4/14/1931	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	4/20/1931	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	5/25/1931	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/31/1931	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	6/17/1931	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/16/1931	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	5/23/1932	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	5/28/1932	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/9/1933	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	3/12/1933	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	6/13/1933	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	3/4/1980	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/3/1980	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/4/1980	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/12/1980	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/24/1980	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	11/25/1980	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	11/26/1980	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/11/1981	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/13/1981	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	4/9/1981	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/17/1981	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	9/7/1981	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	9/8/1981	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	12/24/1981	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	8/15/1982	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/10/1982	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	2/13/1983	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/29/1983	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	8/5/1983	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	9/18/1983	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/12/1984	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/2/1984	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/3/1984	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/4/1984	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	11/25/1984	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	2/3/1985	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	2/8/1985	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	2/13/1985	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	5/29/1985	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/16/1985	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	8/14/1985	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/9/1985	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/10/1985	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/14/1986	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	2/16/1986	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	4/24/1986	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	4/29/1986	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	5/10/1986	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/31/1986	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	9/24/1986	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/16/1987	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/17/1987	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/20/1987	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/31/1987	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	2/12/1987	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	2/21/1987	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/27/1987	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/17/1988	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	11/14/1988	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	11/23/1988	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	2/13/1989	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	4/19/1989	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	4/20/1989	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	4/30/1989	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/2/1989	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/14/1989	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/15/1989	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/16/1989	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/22/1989	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	11/23/1989	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	12/3/1989	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	9/4/1990	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/28/1990	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/7/1991	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	9/14/1991	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/29/1991	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	6/15/1992	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	6/18/1992	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/22/1992	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	8/4/1992	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/4/1992	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/5/1992	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/6/1992	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/10/1992	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	5/14/1994	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	5/15/1994	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	5/24/1994	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	8/22/1994	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/26/1995	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/23/1996	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/24/1996	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/25/1996	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	3/30/1996	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	3/31/1996	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	4/1/1996	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/2/1996	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	9/28/1996	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/6/1997	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/7/1997	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/9/1997	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	8/18/1997	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/12/1999	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/26/1999	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/12/2000	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/14/2000	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/5/2001	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	11/10/2001	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	11/15/2001	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	11/16/2001	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	12/31/2001	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/4/2002	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/7/2002	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/10/2002	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	8/25/2002	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	6/17/2003	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	6/18/2003	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	6/21/2003	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	12/17/2003	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	12/15/2004	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/3/2005	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	5/3/2005	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	5/29/2005	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	3/19/2006	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/22/2006	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/26/2006	14	14	1.62	30.69	9894	61.7179%	Chloride	79.90	mg/L	500	28.3	13217.5094	82712.82477
5439000	10/27/2006	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/7/2007	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	9/28/2007	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/2/2007	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	12/19/2007	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/4/2008	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/21/2009	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/28/2009	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	8/22/2009	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/3/2009	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/15/2009	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/20/2010	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	8/18/2010	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/17/2011	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	8/8/2011	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	8/10/2011	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	8/26/2011	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	12/21/2012	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	1/12/2013	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	11/7/2013	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	11/18/2013	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	7/29/2014	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	8/9/2014	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	8/24/2014	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/4/2014	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	10/26/2014	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	12/6/2014	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	12/21/2014	14	14	1.62	30.69	9894	61.7179%	Chloride	--	mg/L	500	28.3	#VALUE!	82712.82477
5439000	12/6/1925	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	12/8/1925	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	2/6/1926	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	3/17/1926	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/11/1926	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	5/13/1926	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/12/1926	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	9/11/1926	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	9/12/1926	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/8/1927	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/9/1927	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/12/1927	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/14/1927	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/27/1927	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/31/1927	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	11/1/1927	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	11/3/1927	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	11/4/1927	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	11/5/1927	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	12/20/1927	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	2/4/1928	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	2/5/1928	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	5/11/1928	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	5/12/1928	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	5/16/1928	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	6/17/1928	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/27/1928	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	8/7/1929	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	5/29/1930	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	6/14/1930	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	12/3/1930	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/30/1931	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	4/15/1931	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	4/16/1931	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	4/27/1931	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/12/1931	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	5/13/1931	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	5/19/1931	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	5/30/1931	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/1/1931	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	5/24/1932	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	6/13/1932	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	6/14/1932	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	6/20/1932	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	6/14/1933	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/20/1933	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/27/1980	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	3/13/1980	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/12/1981	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/14/1981	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	4/2/1981	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	4/5/1981	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	8/22/1981	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	9/4/1981	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	12/25/1981	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	12/26/1981	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/30/1983	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/11/1984	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/13/1984	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/16/1984	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/21/1984	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/27/1984	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	2/1/1985	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	2/2/1985	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	2/14/1985	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	2/20/1985	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/1/1985	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	6/20/1985	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	6/25/1985	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/13/1986	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	2/17/1986	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	4/22/1986	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	4/23/1986	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	4/27/1986	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	5/8/1986	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	5/9/1986	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	9/28/1986	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/21/1987	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	2/13/1987	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	2/22/1987	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/1/1987	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/15/1987	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	8/4/1987	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	6/9/1988	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	11/24/1988	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	11/25/1988	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	12/1/1988	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	2/4/1989	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	2/12/1989	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	2/14/1989	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	4/24/1989	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	4/25/1989	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	4/26/1989	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	6/28/1989	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	8/30/1989	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/14/1989	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/23/1989	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/19/1989	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	11/25/1989	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/3/1990	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/14/1990	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/15/1990	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	9/5/1990	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	9/8/1990	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/31/1990	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	11/1/1990	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/6/1991	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	6/8/1992	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	6/9/1992	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	6/14/1992	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	6/16/1992	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/3/1992	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/27/1992	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/28/1992	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/7/1992	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	5/13/1994	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/11/1994	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/19/1995	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/22/1995	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/23/1995	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/24/1995	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	12/18/1995	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/16/1996	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	2/8/1996	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	3/4/1996	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	4/3/1996	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	9/5/1996	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/31/1996	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/17/1997	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	12/27/1998	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/25/1999	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/26/2000	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/13/2000	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/15/2000	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/16/2000	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	11/6/2000	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/17/2001	13	13	1.62	29.07	10072	62.8283%	Chloride	173.00	mg/L	500	28.3	27110.58836	78354.30162
5439000	1/18/2001	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/19/2001	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	9/7/2001	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	11/11/2001	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/1/2002	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/3/2002	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/8/2002	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/13/2002	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/8/2002	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	8/15/2002	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	3/13/2003	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	3/18/2003	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	6/22/2003	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	6/26/2003	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/16/2004	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	5/30/2005	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	6/6/2005	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	4/2/2006	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/7/2006	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/28/2007	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/29/2007	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	2/9/2007	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/20/2007	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	9/30/2007	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/4/2007	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/17/2007	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	11/22/2007	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/5/2008	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/31/2008	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/27/2009	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	9/5/2009	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/16/2009	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/21/2010	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	8/19/2010	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/18/2011	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/31/2011	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	8/22/2011	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/1/2011	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	6/20/2012	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/20/2012	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/22/2013	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	7/23/2013	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	1/13/2014	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	2/24/2014	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	5/11/2014	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	8/29/2014	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/27/2014	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	10/28/2014	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	12/10/2014	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	12/15/2014	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	8/5/2015	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	8/11/2015	13	13	1.62	29.07	10072	62.8283%	Chloride	--	mg/L	500	28.3	#VALUE!	78354.30162
5439000	12/9/1925	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/6/1926	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/11/1927	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/15/1927	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/16/1927	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/17/1927	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	11/6/1927	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	3/1/1928	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	3/2/1928	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	5/13/1928	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	5/14/1928	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	5/28/1928	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/18/1928	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	8/13/1928	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/19/1928	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/20/1928	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/22/1928	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/21/1929	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	8/2/1929	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	5/30/1930	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	5/31/1930	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	6/29/1930	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/16/1930	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/31/1931	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	4/28/1931	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	5/14/1931	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	5/15/1931	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	6/1/1931	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	5/29/1932	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/8/1933	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	3/10/1933	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	3/11/1933	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/15/1933	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/28/1980	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/29/1980	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	3/3/1980	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	3/7/1980	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/6/1980	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/7/1980	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	8/7/1980	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/15/1981	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/19/1981	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/20/1981	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	4/6/1981	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	4/8/1981	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	4/10/1981	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	4/11/1981	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/18/1981	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	9/9/1981	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	12/27/1981	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	8/16/1982	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/22/1982	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/31/1983	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	9/6/1983	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	11/1/1983	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/14/1984	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/15/1984	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/17/1984	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/19/1984	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/5/1984	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	2/15/1985	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	2/16/1985	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	2/17/1985	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/18/1985	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	6/2/1985	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	6/3/1985	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	6/5/1985	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	6/26/1985	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/17/1985	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	8/2/1985	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/15/1985	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	8/1/1986	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	9/25/1986	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/22/1987	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/23/1987	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/30/1987	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	2/18/1987	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	12/2/1988	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	12/29/1988	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	2/5/1989	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	2/15/1989	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	4/27/1989	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	5/5/1989	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/13/1989	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/18/1989	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/19/1989	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/25/1989	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/29/1989	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	11/14/1989	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	11/21/1989	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	11/24/1989	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	9/6/1990	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/9/1990	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/29/1990	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/30/1990	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	11/3/1990	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	6/10/1992	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	6/11/1992	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	6/12/1992	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	6/13/1992	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/5/1992	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/11/1992	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/12/1992	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/17/1992	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	5/16/1994	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	5/23/1994	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/23/1994	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	9/25/1994	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/12/1994	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/28/1995	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/27/1995	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	12/19/1995	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	3/12/1996	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	9/6/1996	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	9/9/1996	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	11/30/1996	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/25/1998	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	12/28/1998	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/13/1999	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/7/1999	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/27/2000	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	8/4/2000	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	9/14/2000	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	9/26/2000	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/17/2000	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/18/2000	12	12	1.62	27.45	10261	64.0072%	Chloride	117.00	mg/L	500	28.3	17315.01216	73995.77846
5439000	10/19/2000	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/20/2000	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/26/2000	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/27/2000	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	11/3/2000	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	11/4/2000	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	12/11/2000	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/14/2001	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/20/2001	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/6/2001	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/7/2001	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/12/2001	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/17/2001	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	11/13/2001	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/2/2002	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/11/2002	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/12/2002	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/14/2002	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	2/1/2002	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/9/2002	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	6/23/2003	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/16/2003	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/17/2004	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/18/2004	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	12/2/2004	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	5/4/2005	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	5/5/2005	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	5/6/2005	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	5/7/2005	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/2/2006	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/20/2006	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	3/21/2006	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	9/23/2006	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/17/2006	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/29/2006	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	11/10/2006	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	8/3/2007	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	9/29/2007	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/14/2007	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/15/2007	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/20/2007	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	12/3/2007	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/9/2008	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/28/2009	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/31/2009	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/29/2009	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	8/9/2009	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	9/6/2009	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/4/2009	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/17/2009	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/21/2009	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	8/20/2010	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	9/3/2010	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	11/30/2010	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	2/1/2011	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	2/12/2011	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/19/2011	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	8/13/2011	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/13/2011	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	11/4/2011	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	10/15/2012	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/3/2013	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	2/9/2013	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	2/24/2013	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	1/14/2014	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	6/5/2014	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	7/30/2014	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	9/6/2014	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	12/7/2014	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	12/11/2014	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	12/23/2014	12	12	1.62	27.45	10261	64.0072%	Chloride	--	mg/L	500	28.3	#VALUE!	73995.77846
5439000	11/17/1925	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/7/1926	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	3/15/1926	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	3/16/1926	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	5/19/1926	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/13/1926	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	9/13/1926	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/28/1927	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/3/1927	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/4/1927	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	12/21/1927	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/28/1928	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/6/1928	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/28/1928	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/29/1928	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	5/29/1928	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/14/1928	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	9/16/1928	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/18/1928	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/28/1928	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/9/1929	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/10/1929	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/11/1929	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/12/1929	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/13/1929	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/14/1929	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/15/1929	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/16/1929	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/17/1929	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/22/1929	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/22/1929	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/29/1929	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/22/1929	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/1/1930	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/7/1930	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/31/1930	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/14/1930	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	12/4/1930	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/1/1931	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/4/1931	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	3/14/1931	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	3/15/1931	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	4/17/1931	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	4/18/1931	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	4/19/1931	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	5/11/1931	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	5/26/1931	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/18/1931	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/8/1931	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/17/1931	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	5/30/1932	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/5/1932	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/27/1932	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/9/1932	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/11/1932	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	9/14/1932	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/16/1933	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/21/1933	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/30/1980	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/10/1980	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/20/1980	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	3/8/1980	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	3/9/1980	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	3/14/1980	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/13/1980	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/25/1980	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/16/1981	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/17/1981	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/18/1981	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/21/1981	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/22/1981	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	4/7/1981	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/19/1981	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/28/1981	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/23/1981	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	12/28/1981	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/4/1982	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/17/1982	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	9/19/1983	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/24/1983	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/18/1984	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/20/1984	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/21/1984	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/6/1984	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/19/1985	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/4/1985	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/6/1985	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/9/1985	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/11/1985	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/18/1985	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/4/1985	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/11/1985	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/2/1986	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/24/1987	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/25/1987	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/26/1987	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/27/1987	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/2/1987	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/13/1987	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/10/1988	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/11/1988	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/12/1988	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/13/1988	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/11/1988	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	11/4/1988	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	11/11/1988	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	12/3/1988	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/6/1989	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/11/1989	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/27/1989	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	5/1/1989	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	5/2/1989	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	5/3/1989	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	5/4/1989	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/15/1989	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	5/16/1989	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/24/1989	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/30/1989	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	11/5/1989	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	11/7/1989	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	11/27/1989	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	11/28/1989	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	9/9/1990	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/22/1991	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	9/5/1991	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/19/1992	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/5/1992	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/21/1992	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	5/25/1994	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/22/1994	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/1/1994	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/17/1994	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/18/1994	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/26/1994	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/13/1994	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/25/1995	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/19/1995	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/7/1995	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	12/20/1995	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	12/21/1995	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/15/1996	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	3/5/1996	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	3/6/1996	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	3/13/1996	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	9/7/1996	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/10/1997	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/16/1997	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/8/1998	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	12/29/1998	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/20/1999	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/14/1999	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/8/1999	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/12/2000	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/21/2000	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/22/2000	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/24/2000	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/25/2000	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/28/2000	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	12/17/2000	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/21/2001	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/8/2001	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/18/2001	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	11/12/2001	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	11/17/2001	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	11/18/2001	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	11/19/2001	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	11/20/2001	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/15/2002	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/23/2002	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/24/2002	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/9/2002	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/10/2002	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/11/2002	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	3/12/2003	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	3/19/2003	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/24/2003	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/25/2003	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/27/2003	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/28/2003	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/29/2003	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/5/2003	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	12/19/2003	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/22/2004	11	11	1.62	25.84	10458	65.2361%	Chloride	105.00	mg/L	500	28.3	14623.82362	69637.25531
5439000	10/30/2004	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	12/16/2004	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	12/31/2004	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/4/2005	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	5/8/2005	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	5/9/2005	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	5/10/2005	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	5/31/2005	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/1/2005	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/7/2005	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	3/31/2006	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/11/2006	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/28/2006	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	1/30/2007	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/6/2007	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/8/2007	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/10/2007	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/11/2007	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/18/2007	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/19/2007	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/21/2007	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/22/2007	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/23/2007	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/5/2007	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/6/2007	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/7/2007	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/8/2007	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/9/2007	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/12/2007	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/6/2008	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/5/2009	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/30/2009	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	9/7/2009	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/18/2009	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/19/2009	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/20/2009	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/22/2010	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/21/2010	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/20/2011	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/1/2011	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/2/2011	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/24/2011	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	11/5/2011	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/21/2012	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/27/2013	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	2/28/2013	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	7/24/2013	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/23/2013	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	6/7/2014	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/10/2014	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	9/14/2014	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	10/29/2014	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	12/12/2014	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	12/24/2014	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	12/25/2014	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/26/2014	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	12/27/2014	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	12/28/2014	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	8/6/2015	11	11	1.62	25.84	10458	65.2361%	Chloride	--	mg/L	500	28.3	#VALUE!	69637.25531
5439000	12/5/1925	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	5/16/1926	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	5/20/1926	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	1/26/1927	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	11/11/1927	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	5/15/1928	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	6/18/1928	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	9/1/1928	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/19/1929	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/20/1929	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/21/1929	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/22/1929	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/23/1929	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/24/1929	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/25/1929	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/26/1929	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/27/1929	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	6/2/1930	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	6/6/1930	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	6/8/1930	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/5/1930	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/6/1930	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/7/1930	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/10/1930	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/11/1930	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/12/1930	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/8/1931	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/29/1931	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	6/2/1931	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	5/31/1932	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	6/1/1932	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	6/21/1932	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	10/27/1932	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	11/8/1932	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	6/17/1933	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	1/31/1980	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/8/1980	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/9/1980	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/11/1980	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/12/1980	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/13/1980	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/14/1980	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/15/1980	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/16/1980	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/19/1980	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	3/2/1980	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	3/10/1980	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	7/8/1980	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	7/18/1980	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	7/26/1980	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	7/27/1980	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	1/23/1981	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	1/25/1981	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	1/26/1981	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	1/27/1981	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	7/20/1981	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	8/24/1981	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	9/5/1981	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/29/1981	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	1/22/1984	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	7/20/1985	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	7/26/1985	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	9/21/1986	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	1/27/1987	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	1/28/1987	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	1/29/1987	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/16/1987	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/19/1987	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/20/1987	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	7/3/1987	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	6/14/1988	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/27/1988	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/7/1989	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/16/1989	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/20/1989	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/21/1989	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/22/1989	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/26/1989	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	5/18/1989	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	6/29/1989	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	10/31/1989	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	11/26/1989	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/5/1989	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	7/8/1991	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	7/12/1992	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	7/15/1992	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	10/22/1992	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	5/17/1994	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	5/26/1994	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/23/1994	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	7/27/1995	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/22/1995	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	1/12/1996	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	1/13/1996	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	3/7/1996	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	10/6/1998	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/30/1998	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/7/1999	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	7/28/2000	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	8/13/2000	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	8/18/2000	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	9/27/2000	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	10/23/2000	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	11/2/2000	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/12/2000	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/16/2000	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	1/11/2001	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	1/12/2001	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	1/13/2001	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	7/9/2001	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	10/5/2001	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	11/21/2001	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	11/23/2001	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	1/25/2002	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/2/2002	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/8/2002	10	10	1.62	24.22	10700	66.7457%	Chloride	79.90	mg/L	500	28.3	10431.5414	65278.73216
5439000	12/17/2004	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	6/2/2005	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	6/3/2005	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	6/8/2005	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/31/2006	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	3/22/2006	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	3/28/2006	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	7/8/2006	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	11/28/2006	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	10/10/2007	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	10/13/2007	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/4/2007	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	7/31/2009	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	9/8/2009	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	10/9/2009	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	10/10/2009	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/2/2011	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/11/2011	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	8/4/2011	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	8/11/2011	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	8/14/2011	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	8/27/2011	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	10/14/2011	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	11/6/2011	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	11/7/2011	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	6/22/2012	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	9/17/2012	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	10/23/2012	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	2/5/2013	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	3/9/2013	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	8/24/2013	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	1/12/2014	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	6/6/2014	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	7/31/2014	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	12/29/2014	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/30/2014	10	10	1.62	24.22	10700	66.7457%	Chloride	--	mg/L	500	28.3	#VALUE!	65278.73216
5439000	8/7/1926	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	8/29/1926	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	7/13/1930	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	10/15/1930	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	2/1/1980	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	1/3/1982	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	5/6/1989	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	5/13/1989	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	7/15/1989	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	10/26/1989	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	11/4/1989	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	11/22/1989	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	7/6/1992	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	7/11/1997	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	12/31/1998	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	10/29/2000	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	1/22/2001	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	9/25/2001	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	11/19/2004	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	6/9/2005	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	10/11/2007	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	9/5/2012	9.9	9.9	1.62	24.06	10852	67.6938%	Chloride	--	mg/L	500	28.3	#VALUE!	64842.87984
5439000	7/5/1927	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	7/8/1927	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	7/9/1927	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	5/10/1931	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	5/16/1931	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	5/27/1931	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	7/9/1931	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	7/10/1932	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/18/1980	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	8/26/1981	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	1/5/1982	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	8/1/1983	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	6/7/1985	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	6/8/1985	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	2/19/1989	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	2/28/1989	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	5/10/1989	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	10/13/1992	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	10/18/1992	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	10/14/1994	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	10/15/1994	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	1/11/1996	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	1/14/1996	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	7/29/2000	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	7/30/2000	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	12/15/2000	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	7/19/2004	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	10/26/2010	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	8/7/2011	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	10/5/2014	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	8/7/2015	9.8	9.8	1.62	23.90	10874	67.8311%	Chloride	--	mg/L	500	28.3	#VALUE!	64407.02753
5439000	11/7/1927	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	11/9/1927	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	11/12/1927	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	11/13/1927	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	8/15/1928	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	2/2/1980	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	5/14/1989	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	11/5/1991	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/18/1994	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	5/21/1994	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	4/4/2003	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	12/3/2004	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	12/5/2004	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	11/13/2006	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	7/8/2007	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	10/27/2007	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	10/5/2009	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	7/21/2011	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	10/3/2011	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	7/8/2012	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	7/26/2013	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	8/30/2014	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	12/14/2014	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	12/31/2014	9.7	9.7	1.62	23.73	10905	68.0245%	Chloride	--	mg/L	500	28.3	#VALUE!	63971.17521
5439000	2/7/1980	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	7/14/1980	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	7/19/1985	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	7/30/1987	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	12/6/1988	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	2/8/1989	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	10/19/1992	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	7/24/1994	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	3/14/1996	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	9/10/1996	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	1/16/1999	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	1/17/1999	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	1/18/1999	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	1/19/1999	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	10/31/2000	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/14/2000	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	12/18/2000	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	1/23/2001	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	1/24/2001	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	1/21/2002	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	1/26/2002	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	2/3/2002	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	12/28/2003	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	9/18/2006	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	10/21/2007	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	9/9/2009	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	6/23/2012	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	8/25/2014	9.6	9.6	1.62	23.57	10929	68.1742%	Chloride	--	mg/L	500	28.3	#VALUE!	63535.3229
5439000	11/18/1925	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	12/11/1925	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/23/1926	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	2/8/1926	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	4/3/1926	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	5/12/1926	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	5/14/1926	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	5/21/1926	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	5/22/1926	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	9/30/1930	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	12/13/1930	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	4/30/1931	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	6/2/1932	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	6/3/1932	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	2/3/1980	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	8/8/1980	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/24/1981	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	2/1/1981	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/26/1981	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/23/1984	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/26/1984	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	8/18/1984	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	10/22/1984	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	9/15/1991	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	10/20/1992	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	5/20/1994	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	5/22/1994	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/1/1996	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	2/20/1996	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	3/8/1996	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	4/12/1996	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/1/1999	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/8/1999	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/9/1999	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/10/1999	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/11/1999	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/12/1999	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/13/1999	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/14/1999	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/15/1999	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	7/15/1999	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	7/17/1999	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	10/30/2000	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	12/13/2000	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/8/2001	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	11/22/2001	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/22/2002	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/31/2002	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	10/30/2006	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/12/2006	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	8/1/2008	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	8/23/2009	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	8/22/2010	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	2/6/2011	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	8/13/2014	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/1/2015	9.5	9.5	1.62	23.41	10957	68.3488%	Chloride	--	mg/L	500	28.3	#VALUE!	63099.47058
5439000	1/24/1927	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	1/25/1927	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	9/30/1927	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	7/23/1929	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	8/8/1929	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	2/17/1980	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	9/10/1981	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	12/31/1981	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	1/2/1982	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	10/23/1982	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	8/2/1983	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	1/25/1984	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	7/12/1984	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	2/17/1989	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	2/18/1989	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	9/10/1990	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	10/14/1992	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	10/16/1994	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	12/31/1995	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	4/13/1996	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	4/14/1996	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	11/1/2000	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	1/7/2001	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	7/25/2013	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/8/2013	9.4	9.4	1.62	23.25	11013	68.6981%	Chloride	--	mg/L	500	28.3	#VALUE!	62663.61827
5439000	1/24/1984	9.3	9.3	1.62	23.09	11038	68.8541%	Chloride	--	mg/L	500	28.3	#VALUE!	62227.76595
5439000	7/21/1985	9.3	9.3	1.62	23.09	11038	68.8541%	Chloride	--	mg/L	500	28.3	#VALUE!	62227.76595
5439000	8/8/1987	9.3	9.3	1.62	23.09	11038	68.8541%	Chloride	--	mg/L	500	28.3	#VALUE!	62227.76595
5439000	12/4/1988	9.3	9.3	1.62	23.09	11038	68.8541%	Chloride	--	mg/L	500	28.3	#VALUE!	62227.76595
5439000	6/20/1992	9.3	9.3	1.62	23.09	11038	68.8541%	Chloride	--	mg/L	500	28.3	#VALUE!	62227.76595
5439000	10/24/1992	9.3	9.3	1.62	23.09	11038	68.8541%	Chloride	--	mg/L	500	28.3	#VALUE!	62227.76595
5439000	8/2/1994	9.3	9.3	1.62	23.09	11038	68.8541%	Chloride	--	mg/L	500	28.3	#VALUE!	62227.76595
5439000	10/24/1995	9.3	9.3	1.62	23.09	11038	68.8541%	Chloride	--	mg/L	500	28.3	#VALUE!	62227.76595
5439000	12/23/1995	9.3	9.3	1.62	23.09	11038	68.8541%	Chloride	--	mg/L	500	28.3	#VALUE!	62227.76595
5439000	7/26/1998	9.3	9.3	1.62	23.09	11038	68.8541%	Chloride	--	mg/L	500	28.3	#VALUE!	62227.76595
5439000	1/9/2001	9.3	9.3	1.62	23.09	11038	68.8541%	Chloride	--	mg/L	500	28.3	#VALUE!	62227.76595
5439000	8/1/2009	9.3	9.3	1.62	23.09	11038	68.8541%	Chloride	--	mg/L	500	28.3	#VALUE!	62227.76595
5439000	8/10/2009	9.3	9.3	1.62	23.09	11038	68.8541%	Chloride	--	mg/L	500	28.3	#VALUE!	62227.76595
5439000	10/11/2009	9.3	9.3	1.62	23.09	11038	68.8541%	Chloride	--	mg/L	500	28.3	#VALUE!	62227.76595
5439000	7/20/2012	9.3	9.3	1.62	23.09	11038	68.8541%	Chloride	--	mg/L	500	28.3	#VALUE!	62227.76595
5439000	3/1/2013	9.3	9.3	1.62	23.09	11038	68.8541%	Chloride	--	mg/L	500	28.3	#VALUE!	62227.76595
5439000	6/30/1930	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	9/2/1930	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	2/2/1931	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	2/6/1931	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	2/7/1931	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	3/13/1931	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	5/1/1931	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	5/8/1931	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	5/9/1931	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	6/19/1931	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	2/4/1980	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	2/6/1980	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	1/27/1984	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	8/14/1986	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/5/1987	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	6/15/1988	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	2/9/1989	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	10/27/1989	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	10/7/1991	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	7/13/1992	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	7/29/1992	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	2/21/1996	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	4/4/1996	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	7/19/1999	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	1/27/2002	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	4/5/2003	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	6/10/2005	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	8/7/2008	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	1/29/2009	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	2/3/2009	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	8/2/2009	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	10/6/2009	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	9/1/2013	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	8/3/2014	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	11/5/2014	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	12/13/2014	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	1/2/2015	9.2	9.2	1.62	22.93	11054	68.9539%	Chloride	--	mg/L	500	28.3	#VALUE!	61791.91364
5439000	7/14/1926	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	8/30/1926	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	9/1/1926	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	11/23/1979	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	7/28/1980	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	1/30/1981	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	1/31/1981	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	7/21/1981	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/5/1981	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	11/2/1983	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	11/9/1988	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	10/28/1989	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	11/2/1989	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	10/25/1992	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	5/19/1994	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	12/27/1995	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	12/30/1995	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	12/1/1996	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	1/7/1999	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	8/14/2000	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	1/10/2001	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	1/25/2001	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	1/28/2002	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	7/21/2003	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	12/4/2004	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	1/31/2007	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	2/1/2007	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	2/2/2007	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	2/12/2007	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	2/14/2007	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	2/16/2007	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	2/17/2007	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	9/4/2010	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	10/15/2011	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	10/16/2011	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	1/15/2014	9.1	9.1	1.62	22.76	11091	69.1847%	Chloride	--	mg/L	500	28.3	#VALUE!	61356.06132
5439000	7/6/1927	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	12/22/1927	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	12/27/1927	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/29/1928	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	2/26/1928	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	2/27/1928	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	2/21/1929	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	1/16/1933	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	1/17/1933	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	7/22/1933	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	2/5/1980	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	7/19/1980	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	1/28/1981	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	2/2/1981	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	2/3/1981	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	7/27/1981	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	12/30/1981	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	1/1/1982	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	8/18/1982	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	9/17/1982	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	8/6/1983	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	2/11/1984	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	2/23/1989	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	5/9/1989	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	7/3/1989	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	11/7/1991	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	7/4/1992	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	12/28/1995	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	12/29/1995	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	1/10/1996	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	1/27/1996	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	1/2/1999	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	7/27/1999	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	12/19/2000	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/20/2000	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	1/4/2001	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	1/5/2001	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	1/6/2001	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	1/27/2001	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	1/16/2002	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	2/4/2002	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	7/20/2004	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	9/6/2006	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	2/5/2011	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	2/7/2011	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	2/25/2013	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	2/26/2013	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	6/9/2014	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	6/10/2014	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	11/11/2014	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	1/3/2015	9	9	1.62	22.60	11127	69.4093%	Chloride	--	mg/L	500	28.3	#VALUE!	60920.20901
5439000	11/8/1927	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	11/10/1927	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	5/30/1928	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	8/7/1986	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	5/7/1989	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	6/30/1989	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	11/8/1989	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	11/9/1989	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	12/6/1989	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	10/23/1992	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	5/27/1994	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	10/17/1994	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	1/2/1996	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	1/28/1996	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/19/1996	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	10/14/1999	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	12/21/2000	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	7/10/2001	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	9/9/2001	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	2/7/2002	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	7/12/2002	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	4/17/2003	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	6/30/2003	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	10/22/2007	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	10/30/2014	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	11/4/2014	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	1/4/2015	8.9	8.9	1.62	22.44	11178	69.7274%	Chloride	--	mg/L	500	28.3	#VALUE!	60484.35669
5439000	6/3/1930	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	12/8/1930	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	10/25/1931	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	10/26/1932	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	7/15/1980	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	12/7/1988	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	2/10/1989	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	12/7/1989	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	9/11/1990	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	5/28/1994	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	2/7/1996	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	3/9/1996	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	10/27/1997	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	12/22/2000	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	12/23/2000	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	1/20/2002	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	1/29/2002	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	1/30/2002	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/23/2007	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	11/23/2007	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	10/12/2009	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	1/5/2015	8.8	8.8	1.62	22.28	11205	69.8958%	Chloride	--	mg/L	500	28.3	#VALUE!	60048.50437
5439000	11/13/1925	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	12/10/1925	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	12/12/1925	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	5/15/1926	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	5/18/1926	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	5/23/1926	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	5/2/1931	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	5/6/1931	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	5/18/1931	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	5/29/1931	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	6/18/1933	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	8/6/1985	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	8/15/1985	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	10/16/1985	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	5/8/1989	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	11/10/1989	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	7/7/1992	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	1/26/1996	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	2/22/1996	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	12/24/2000	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	1/3/2001	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	1/28/2001	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	9/10/2009	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	2/8/2011	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	10/4/2011	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	1/6/2015	8.7	8.7	1.62	22.12	11227	70.0331%	Chloride	--	mg/L	500	28.3	#VALUE!	59612.65206
5439000	12/29/1926	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/12/1927	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	7/24/1929	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	7/30/1929	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	7/10/1931	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	1/29/1981	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	7/22/1981	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	8/2/1981	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	8/27/1981	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	9/6/1981	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	12/5/1988	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	7/1/1989	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	8/6/1992	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	10/21/1994	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	1/29/1996	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	11/26/1996	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	10/9/1999	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	12/28/2000	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	12/29/2000	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	12/30/2000	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	12/31/2000	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	1/1/2001	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	1/2/2001	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	1/17/2002	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	12/22/2003	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	1/1/2005	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	3/24/2006	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	10/26/2007	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	6/24/2012	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	7/1/2012	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	10/22/2012	8.6	8.6	1.62	21.96	11253	70.1952%	Chloride	--	mg/L	500	28.3	#VALUE!	59176.79974
5439000	3/6/1928	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/6/1928	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	7/9/1930	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	12/9/1930	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	2/5/1931	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	2/4/1981	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	8/19/1982	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	2/23/1987	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	12/30/1988	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	5/12/1989	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	9/22/1990	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	5/29/1994	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	10/22/1994	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	10/23/1994	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	12/8/1999	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	1/26/2001	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	10/14/2003	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	7/9/2006	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	8/4/2007	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	2/3/2011	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	2/4/2011	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	2/9/2011	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	2/10/2011	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	1/7/2015	8.5	8.5	1.62	21.79	11284	70.3886%	Chloride	--	mg/L	500	28.3	#VALUE!	58740.94743
5439000	5/3/1931	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	5/28/1931	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	6/3/1931	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	11/24/1979	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	7/20/1980	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	1/6/1982	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	7/7/1984	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	9/22/1986	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/6/1991	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	10/26/1992	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	10/27/1992	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	10/18/1994	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	12/24/1995	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	1/3/1996	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	1/9/1996	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	9/11/1996	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	10/3/1998	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	9/28/2000	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	2/5/2002	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	8/16/2002	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	4/7/2003	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	1/11/2005	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	8/3/2009	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	10/6/2011	8.4	8.4	1.62	21.63	11308	70.5383%	Chloride	--	mg/L	500	28.3	#VALUE!	58305.09511
5439000	7/15/1926	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	8/8/1926	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	8/31/1926	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	9/2/1926	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	8/25/1981	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	1/28/1984	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	6/17/1988	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	12/1/1989	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	1/2/1990	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	9/26/1994	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	10/20/1994	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	12/26/1995	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	4/5/1996	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	10/23/1996	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	7/27/1998	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/3/1999	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	10/15/1999	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	12/25/2000	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	12/27/2000	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	3/23/2006	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	10/1/2009	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	3/2/2013	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	11/19/2013	8.3	8.3	1.62	21.47	11332	70.6880%	Chloride	--	mg/L	500	28.3	#VALUE!	57869.2428
5439000	1/19/1927	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	7/11/1927	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	6/9/1930	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	1/25/1931	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	7/12/1932	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	8/6/1981	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	5/17/1989	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	6/24/1992	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	10/28/1992	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	10/19/1994	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	7/16/1999	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	8/25/1999	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	10/21/2001	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	1/18/2002	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	7/6/2003	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	12/23/2003	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	11/4/2004	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	6/11/2005	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	4/1/2006	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	9/22/2009	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	10/13/2009	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	3/3/2013	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	1/8/2015	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/8/2015	8.2	8.2	1.62	21.31	11355	70.8315%	Chloride	--	mg/L	500	28.3	#VALUE!	57433.39048
5439000	6/1/1928	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	8/16/1928	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	8/17/1928	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	8/18/1928	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	10/29/1928	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	5/4/1931	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	10/18/1931	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	11/11/1931	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	8/3/1983	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	9/22/1983	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	7/4/1987	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	11/6/1989	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	6/25/1992	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	10/29/1992	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	10/24/1994	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	10/29/1994	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	2/23/1996	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	4/11/1996	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	12/26/2000	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	9/22/2001	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	10/19/2001	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	1/19/2002	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	2/6/2002	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	12/18/2002	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	9/8/2008	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	9/18/2012	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	10/31/2014	8.1	8.1	1.62	21.15	11379	70.9812%	Chloride	--	mg/L	500	28.3	#VALUE!	56997.53817
5439000	2/5/1981	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	2/15/1981	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	7/25/1981	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/9/1983	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	7/8/1984	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	6/12/1985	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	8/3/1986	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	1/9/1989	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	2/24/1989	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	2/25/1989	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	3/1/1989	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	5/11/1989	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	12/4/1989	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	10/4/1991	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	7/14/1992	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	10/31/1992	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	5/30/1994	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	7/25/1994	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	7/29/1995	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	12/25/1995	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	1/4/1996	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	1/8/1996	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	7/18/1997	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	7/28/1998	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	10/7/1998	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	1/6/1999	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	11/11/1999	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	4/8/2003	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	7/23/2003	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	12/18/2004	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	11/28/2005	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	10/7/2009	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	10/23/2010	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	2/4/2013	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/1/2014	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	11/6/2014	8	8	1.62	20.99	11406	71.1496%	Chloride	--	mg/L	500	28.3	#VALUE!	56561.68585
5439000	12/4/1925	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	1/9/1926	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	4/1/1926	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	5/17/1926	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	5/30/1926	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	6/4/1932	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	6/22/1932	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	7/23/1981	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	8/3/1985	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	12/23/1988	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	11/8/1991	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	6/21/1992	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	9/12/1996	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	7/12/1997	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	7/17/2003	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	1/7/2005	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	1/28/2006	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	7/10/2006	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	10/2/2006	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	10/24/2007	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	12/30/2010	7.9	7.9	1.62	20.82	11442	71.3742%	Chloride	--	mg/L	500	28.3	#VALUE!	56125.83354
5439000	8/11/1929	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	7/1/1930	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	12/14/1930	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	2/3/1931	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	5/7/1931	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	5/17/1931	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	10/27/1931	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	2/6/1981	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/29/1981	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	8/9/1987	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	11/30/1989	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	6/23/1992	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	8/8/1992	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	3/10/1996	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	3/11/1996	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	11/6/1997	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	3/25/2006	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	7/12/2006	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	11/14/2006	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	11/29/2007	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	10/14/2009	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	3/8/2013	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	8/26/2014	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	9/7/2014	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	11/7/2014	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	1/9/2015	7.8	7.8	1.62	20.66	11463	71.5052%	Chloride	--	mg/L	500	28.3	#VALUE!	55689.98122
5439000	10/1/1927	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	9/11/1981	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	2/18/1982	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	8/20/1982	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	10/29/1982	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	9/13/1984	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	8/8/1986	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	6/16/1988	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	7/4/1989	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	9/12/1990	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	10/26/1994	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	1/5/1996	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	1/6/1996	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/7/1996	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	10/10/1999	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	12/9/1999	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	12/15/1999	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	3/25/2003	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	11/19/2003	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	12/29/2003	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	7/23/2004	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	6/12/2005	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	8/11/2009	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	10/17/2011	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	11/9/2014	7.7	7.7	1.62	20.50	11489	71.6674%	Chloride	--	mg/L	500	28.3	#VALUE!	55254.12891
5439000	6/10/1930	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	5/5/1931	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	10/26/1931	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	10/28/1931	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	11/25/1979	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	2/7/1981	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	7/22/1985	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	8/4/1985	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	7/6/1987	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	7/11/1987	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	6/18/1988	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	7/16/1989	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	8/24/1994	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	10/30/1994	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	2/26/1996	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	9/13/1996	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	12/2/1996	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	7/13/2002	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	12/10/2007	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/11/2009	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	10/5/2011	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	10/20/2011	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	8/14/2014	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	11/3/2014	7.6	7.6	1.62	20.34	11514	71.8233%	Chloride	--	mg/L	500	28.3	#VALUE!	54818.27659
5439000	12/13/1925	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	2/9/1926	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	8/12/1926	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	2/8/1981	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	2/14/1981	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	8/6/1987	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	11/1/1989	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	11/11/1989	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	7/8/1992	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	10/30/1992	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	6/8/1994	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	2/16/1996	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	2/18/1996	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	9/29/1996	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	9/16/1998	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	1/4/1999	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	8/19/2000	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	9/13/2000	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	12/21/2003	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	1/5/2005	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	6/13/2005	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	11/24/2007	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	12/1/2007	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	8/4/2009	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	8/24/2009	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	8/5/2011	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/28/2011	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	1/13/2013	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	7/27/2013	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	1/11/2014	7.5	7.5	1.62	20.18	11538	71.9731%	Chloride	--	mg/L	500	28.3	#VALUE!	54382.42428
5439000	1/23/1927	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	7/10/1927	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	7/17/1927	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	1/15/1933	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	7/23/1933	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	10/2/1979	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	7/29/1980	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	2/9/1981	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	8/3/1981	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	10/20/1983	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	10/25/1983	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	11/3/1983	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	11/4/1983	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	11/19/1983	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	7/9/1984	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	8/10/1985	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	12/14/1988	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	3/3/1989	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	7/23/1991	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	8/12/1991	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	10/8/1991	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	6/9/1994	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	6/13/1994	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	7/18/1999	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	10/11/1999	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	10/16/1999	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	12/10/1999	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/11/2001	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	3/21/2003	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	8/12/2005	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	11/25/2007	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	11/26/2007	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	8/23/2010	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	8/12/2011	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	9/8/2014	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	11/12/2014	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	1/10/2015	7.4	7.4	1.62	20.02	11568	72.1602%	Chloride	--	mg/L	500	28.3	#VALUE!	53946.57196
5439000	10/21/1928	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	10/30/1928	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	7/11/1931	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	11/12/1931	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	2/19/1982	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	10/24/1982	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	1/29/1984	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	2/3/1984	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	3/2/1989	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	7/9/1991	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	5/31/1994	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	10/25/1994	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	2/24/1996	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	3/15/1996	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	4/6/1996	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	11/7/1996	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	8/9/1998	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	8/15/2000	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	87.00	mg/L	500	28.3	9310.865218	53510.71965
5439000	10/20/2001	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	4/9/2003	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	7/1/2003	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/9/2003	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	1/6/2005	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	3/29/2006	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	2/3/2007	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	2/4/2007	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	2/7/2007	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	2/13/2007	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	2/15/2007	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	10/25/2007	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	8/2/2008	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	10/27/2010	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	10/25/2011	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	11/17/2014	7.3	7.3	1.62	19.85	11605	72.3910%	Chloride	--	mg/L	500	28.3	#VALUE!	53510.71965
5439000	11/19/1925	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	4/2/1926	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	5/24/1926	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	5/25/1926	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	5/26/1926	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	5/27/1926	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	5/31/1926	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	6/1/1926	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	7/2/1930	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	9/3/1930	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	10/22/1930	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	2/10/1931	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	6/28/1932	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	7/3/1932	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	12/22/1932	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	2/10/1981	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	2/2/1984	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	2/4/1984	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/5/1987	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	12/22/1988	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	11/12/1989	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	11/13/1989	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	10/3/2000	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	8/2/2003	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	6/14/2005	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	9/22/2006	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	10/31/2006	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	11/27/2007	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	11/9/2013	7.2	7.2	1.62	19.69	11639	72.6031%	Chloride	--	mg/L	500	28.3	#VALUE!	53074.86733
5439000	11/15/1979	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	8/9/1981	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	8/10/1981	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	10/23/1984	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	8/4/1986	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	8/9/1986	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	8/7/1987	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	10/23/1988	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	8/11/1991	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	8/13/1991	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	6/26/1992	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	8/7/1992	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	8/4/1994	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	4/7/1996	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	4/8/1996	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	9/14/1996	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	12/4/1996	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	10/1/2000	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	9/12/2006	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	11/30/2007	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/21/2011	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	10/21/2012	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	7/28/2013	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	11/2/2014	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	11/8/2014	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	11/22/2014	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	1/11/2015	7.1	7.1	1.62	19.53	11668	72.7840%	Chloride	--	mg/L	500	28.3	#VALUE!	52639.01501
5439000	7/15/1927	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	7/16/1927	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	12/23/1927	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	12/24/1927	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	12/25/1927	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	12/26/1927	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	1/30/1928	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	1/31/1928	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	2/1/1928	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	6/20/1931	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	2/11/1981	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	2/12/1981	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	2/13/1981	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	7/24/1981	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	9/12/1981	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	1/7/1982	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	2/10/1984	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	8/5/1985	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	8/26/1986	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	12/8/1988	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	12/2/1989	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	8/20/1995	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	4/9/1996	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	11/1/1996	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/28/1999	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	7/4/2003	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	10/28/2007	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	12/5/2007	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	10/8/2009	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	9/5/2010	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	2/25/2014	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	9/15/2014	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	1/12/2015	7	7	1.62	19.37	11695	72.9524%	Chloride	--	mg/L	500	28.3	#VALUE!	52203.1627
5439000	7/16/1926	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	8/9/1926	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	8/10/1926	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	8/13/1926	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	3/7/1928	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	6/2/1928	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	9/2/1928	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	9/4/1928	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	10/31/1928	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	11/2/1928	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	2/18/1929	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	2/19/1929	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	2/20/1929	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	6/4/1930	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	6/5/1930	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	6/11/1930	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	6/12/1930	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	6/13/1930	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	6/15/1930	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	6/16/1930	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	6/26/1932	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	10/28/1932	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/11/1982	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	2/1/1984	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	9/12/1986	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	7/7/1987	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	6/19/1988	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	7/26/1994	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	10/27/1994	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	10/31/1995	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	12/3/1996	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	7/29/1998	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	12/16/1999	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	8/6/2002	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	8/26/2002	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	4/10/2003	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	7/3/2003	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	7/13/2006	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	10/12/2011	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	6/25/2012	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	1/16/2014	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	1/13/2015	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	1/14/2015	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	1/15/2015	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	8/9/2015	6.9	6.9	1.62	19.21	11728	73.1583%	Chloride	--	mg/L	500	28.3	#VALUE!	51767.31038
5439000	6/4/1931	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	1/14/1933	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	6/19/1933	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	7/24/1933	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	1/30/1984	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	2/5/1984	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	6/13/1985	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	6/14/1985	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/20/1988	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	12/24/1988	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	12/31/1988	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	11/3/1989	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	10/3/1990	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	6/1/1994	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	6/7/1994	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	11/17/1996	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	7/2/2003	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	7/4/2005	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	7/14/2006	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	8/15/2011	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	10/18/2011	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	1/27/2013	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	7/30/2013	6.8	6.8	1.62	19.04	11773	73.4390%	Chloride	--	mg/L	500	28.3	#VALUE!	51331.45807
5439000	8/15/1986	6.7	6.7	1.62	18.88	11796	73.5824%	Chloride	--	mg/L	500	28.3	#VALUE!	50895.60575
5439000	2/26/1987	6.7	6.7	1.62	18.88	11796	73.5824%	Chloride	--	mg/L	500	28.3	#VALUE!	50895.60575
5439000	7/9/1992	6.7	6.7	1.62	18.88	11796	73.5824%	Chloride	--	mg/L	500	28.3	#VALUE!	50895.60575
5439000	9/27/1994	6.7	6.7	1.62	18.88	11796	73.5824%	Chloride	--	mg/L	500	28.3	#VALUE!	50895.60575
5439000	8/29/1998	6.7	6.7	1.62	18.88	11796	73.5824%	Chloride	--	mg/L	500	28.3	#VALUE!	50895.60575
5439000	10/12/1999	6.7	6.7	1.62	18.88	11796	73.5824%	Chloride	--	mg/L	500	28.3	#VALUE!	50895.60575
5439000	9/29/2000	6.7	6.7	1.62	18.88	11796	73.5824%	Chloride	--	mg/L	500	28.3	#VALUE!	50895.60575
5439000	10/2/2002	6.7	6.7	1.62	18.88	11796	73.5824%	Chloride	--	mg/L	500	28.3	#VALUE!	50895.60575
5439000	6/15/2005	6.7	6.7	1.62	18.88	11796	73.5824%	Chloride	--	mg/L	500	28.3	#VALUE!	50895.60575
5439000	11/6/2007	6.7	6.7	1.62	18.88	11796	73.5824%	Chloride	--	mg/L	500	28.3	#VALUE!	50895.60575
5439000	11/11/2007	6.7	6.7	1.62	18.88	11796	73.5824%	Chloride	--	mg/L	500	28.3	#VALUE!	50895.60575
5439000	9/12/2009	6.7	6.7	1.62	18.88	11796	73.5824%	Chloride	--	mg/L	500	28.3	#VALUE!	50895.60575
5439000	7/18/2012	6.7	6.7	1.62	18.88	11796	73.5824%	Chloride	--	mg/L	500	28.3	#VALUE!	50895.60575
5439000	11/10/2014	6.7	6.7	1.62	18.88	11796	73.5824%	Chloride	--	mg/L	500	28.3	#VALUE!	50895.60575
5439000	1/4/1926	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	2/10/1926	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/31/1928	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	6/3/1928	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	6/5/1928	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	6/7/1928	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	6/13/1928	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	8/19/1928	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	8/21/1928	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	11/1/1928	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	6/17/1930	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	7/10/1930	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	7/14/1930	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	11/10/1932	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	8/7/1983	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	1/31/1984	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	8/24/1985	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	10/8/1985	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	8/5/1986	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	10/2/1988	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	9/13/1990	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	6/22/1992	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	6/2/1994	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	6/12/1994	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	2/25/1996	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	3/22/1996	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	4/10/1996	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	7/13/1997	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	7/14/1997	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	7/15/1997	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	8/26/1998	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	1/5/1999	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	12/12/1999	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/2/2001	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	4/16/2003	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	12/19/2004	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	10/31/2007	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	11/9/2007	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	11/15/2007	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	11/28/2007	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	8/5/2009	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	10/24/2010	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	7/24/2012	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	7/31/2012	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	8/5/2012	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	11/12/2012	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	3/7/2013	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	11/2/2013	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	1/16/2015	6.6	6.6	1.62	18.72	11810	73.6698%	Chloride	--	mg/L	500	28.3	#VALUE!	50459.75344
5439000	1/10/1933	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	10/21/1983	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	2/6/1984	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	7/13/1984	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	6/10/1985	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	7/5/1989	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	6/3/1994	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	6/5/1994	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	9/23/1994	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	10/20/1995	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	2/17/1996	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	7/20/1999	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	12/11/1999	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	3/28/2003	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	3/26/2006	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/1/2007	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	11/5/2007	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	11/20/2007	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	9/9/2008	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	8/24/2010	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	12/12/2010	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	12/27/2010	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	10/8/2011	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	10/19/2011	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	3/4/2013	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	3/6/2013	6.5	6.5	1.62	18.56	11859	73.9754%	Chloride	--	mg/L	500	28.3	#VALUE!	50023.90112
5439000	10/19/1931	6.4	6.4	1.62	18.40	11885	74.1376%	Chloride	--	mg/L	500	28.3	#VALUE!	49588.04881
5439000	10/29/1931	6.4	6.4	1.62	18.40	11885	74.1376%	Chloride	--	mg/L	500	28.3	#VALUE!	49588.04881
5439000	2/7/1984	6.4	6.4	1.62	18.40	11885	74.1376%	Chloride	--	mg/L	500	28.3	#VALUE!	49588.04881
5439000	2/9/1984	6.4	6.4	1.62	18.40	11885	74.1376%	Chloride	--	mg/L	500	28.3	#VALUE!	49588.04881
5439000	8/4/1984	6.4	6.4	1.62	18.40	11885	74.1376%	Chloride	--	mg/L	500	28.3	#VALUE!	49588.04881
5439000	8/7/1985	6.4	6.4	1.62	18.40	11885	74.1376%	Chloride	--	mg/L	500	28.3	#VALUE!	49588.04881
5439000	6/21/1988	6.4	6.4	1.62	18.40	11885	74.1376%	Chloride	--	mg/L	500	28.3	#VALUE!	49588.04881
5439000	9/15/1990	6.4	6.4	1.62	18.40	11885	74.1376%	Chloride	--	mg/L	500	28.3	#VALUE!	49588.04881
5439000	6/4/1994	6.4	6.4	1.62	18.40	11885	74.1376%	Chloride	--	mg/L	500	28.3	#VALUE!	49588.04881
5439000	6/6/1994	6.4	6.4	1.62	18.40	11885	74.1376%	Chloride	--	mg/L	500	28.3	#VALUE!	49588.04881
5439000	9/28/1994	6.4	6.4	1.62	18.40	11885	74.1376%	Chloride	--	mg/L	500	28.3	#VALUE!	49588.04881
5439000	9/15/1996	6.4	6.4	1.62	18.40	11885	74.1376%	Chloride	--	mg/L	500	28.3	#VALUE!	49588.04881
5439000	12/24/2003	6.4	6.4	1.62	18.40	11885	74.1376%	Chloride	--	mg/L	500	28.3	#VALUE!	49588.04881
5439000	11/15/2006	6.4	6.4	1.62	18.40	11885	74.1376%	Chloride	--	mg/L	500	28.3	#VALUE!	49588.04881
5439000	12/6/2007	6.4	6.4	1.62	18.40	11885	74.1376%	Chloride	--	mg/L	500	28.3	#VALUE!	49588.04881
5439000	11/2/2011	6.4	6.4	1.62	18.40	11885	74.1376%	Chloride	--	mg/L	500	28.3	#VALUE!	49588.04881
5439000	1/17/2015	6.4	6.4	1.62	18.40	11885	74.1376%	Chloride	--	mg/L	500	28.3	#VALUE!	49588.04881
5439000	7/17/1926	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	7/22/1926	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	7/23/1926	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/30/1926	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	8/11/1926	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	6/4/1928	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	6/8/1928	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	7/25/1929	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	7/31/1929	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	8/10/1929	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	6/21/1931	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	10/25/1932	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	10/3/1979	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	10/22/1979	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	8/7/1981	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	2/8/1984	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	10/17/1984	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	2/25/1987	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	7/26/1987	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	1/1/1990	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	9/23/1990	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	10/25/1991	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	6/27/1992	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	10/28/1994	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	8/3/1995	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	3/16/1996	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	9/30/1996	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	7/21/1997	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	10/13/1999	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	12/14/1999	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	9/16/2000	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	7/12/2001	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	7/14/2002	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	4/6/2003	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/18/2003	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	1/8/2005	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	1/10/2005	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	2/1/2006	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	3/30/2006	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	9/13/2006	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	87.00	mg/L	500	28.3	8552.48219	49152.19649
5439000	11/12/2007	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	8/8/2008	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	2/2/2009	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	11/23/2010	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	10/26/2011	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	6/29/2012	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	3/5/2013	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	8/15/2014	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	1/18/2015	6.3	6.3	1.62	18.24	11902	74.2437%	Chloride	--	mg/L	500	28.3	#VALUE!	49152.19649
5439000	7/3/1930	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	7/12/1931	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	8/21/1982	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	10/25/1982	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	11/5/1983	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	11/11/1983	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	8/10/1986	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	8/16/1986	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	7/8/1987	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	7/12/1987	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	9/14/1990	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	9/16/1990	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	9/16/1991	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	1/30/1996	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	7/25/1997	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	11/2/2003	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/21/2006	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	10/30/2007	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	11/22/2010	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	12/1/2010	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	7/29/2013	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	8/27/2014	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	1/19/2015	6.2	6.2	1.62	18.07	11951	74.5493%	Chloride	--	mg/L	500	28.3	#VALUE!	48716.34418
5439000	9/13/1981	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	9/14/1981	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	9/23/1984	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	7/23/1985	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	11/29/1989	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	7/10/1991	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	11/14/1991	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	8/9/1992	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	10/28/1995	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	10/17/1996	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	10/23/1999	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	9/26/2001	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	4/15/2003	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	8/18/2005	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	3/27/2006	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	11/4/2007	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	8/12/2009	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	9/21/2009	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	6/26/2012	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	11/20/2013	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	10/6/2014	6.1	6.1	1.62	17.91	11974	74.6928%	Chloride	--	mg/L	500	28.3	#VALUE!	48280.49186
5439000	5/28/1926	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	6/2/1926	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	7/18/1927	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/20/1928	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	8/22/1928	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	8/23/1928	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	8/24/1928	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	10/30/1931	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	1/11/1933	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	1/12/1933	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	1/13/1933	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	6/20/1933	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	10/21/1979	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	9/18/1981	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	2/17/1982	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	11/10/1983	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	11/15/1983	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	8/16/1985	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	7/28/1987	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	10/1/1988	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	12/20/1988	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	9/12/1991	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	10/3/1991	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	6/10/1994	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	6/11/1994	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	7/27/1994	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	8/27/1994	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	10/7/1994	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	3/17/1996	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	3/23/1996	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	9/16/1996	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	9/17/1996	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	9/20/1996	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	11/5/1996	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/6/1996	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	10/26/1997	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	10/2/1998	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	10/19/1999	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	12/13/1999	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	1/10/2000	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	2/21/2000	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	9/30/2000	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	7/13/2001	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	12/30/2003	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	11/2/2007	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	11/10/2007	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	12/7/2007	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	8/25/2009	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	9/6/2010	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	7/2/2012	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	7/31/2013	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	1/20/2015	6	6	1.62	17.75	11995	74.8238%	Chloride	--	mg/L	500	28.3	#VALUE!	47844.63955
5439000	10/1/1930	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	8/22/1982	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	10/17/1985	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	7/9/1987	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	7/13/1987	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	12/9/1988	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	9/19/1990	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	10/4/1990	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	10/8/1990	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	6/30/1992	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	10/29/1995	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	10/8/1998	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	12/19/2002	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/12/2003	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	4/13/2003	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	4/14/2003	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	12/30/2004	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	1/9/2005	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	11/1/2006	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	11/3/2007	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	11/13/2007	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	11/14/2007	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	10/25/2010	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	10/11/2011	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	10/27/2011	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	10/16/2012	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	10/24/2012	5.9	5.9	1.62	17.59	12047	75.1482%	Chloride	--	mg/L	500	28.3	#VALUE!	47408.78723
5439000	10/24/1931	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	9/15/1981	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	9/19/1981	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	1/8/1982	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	10/7/1982	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	8/8/1983	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	2/24/1987	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	6/22/1988	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	8/12/1988	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	8/7/1991	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	8/30/1991	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	7/1/1992	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	11/2/1996	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	12/7/1996	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	10/17/1999	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	8/16/2000	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	9/20/2000	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/19/2003	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	12/31/2003	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	12/20/2004	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	6/16/2005	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	11/16/2006	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	10/7/2011	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	11/21/2013	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	1/21/2015	5.8	5.8	1.62	17.43	12074	75.3166%	Chloride	--	mg/L	500	28.3	#VALUE!	46972.93492
5439000	1/24/1926	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	7/18/1926	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	7/24/1926	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	8/14/1926	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	1/20/1927	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	1/21/1927	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	1/22/1927	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	7/13/1927	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	9/15/1927	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	6/9/1928	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	9/13/1928	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	9/17/1928	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	8/12/1929	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	11/9/1932	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	6/21/1933	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	7/25/1933	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	11/1/1979	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	7/30/1981	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	8/8/1981	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	7/27/1985	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	7/11/1991	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	10/9/1991	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	11/10/1991	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/28/1994	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	8/25/1994	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	10/1/1996	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	10/19/1996	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	7/19/1997	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	8/19/1997	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	10/28/1997	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	7/24/2004	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	6/17/2005	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	10/29/2007	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	11/7/2007	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	11/8/2007	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	11/18/2007	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	8/9/2008	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	9/20/2009	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	10/23/2011	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	6/30/2012	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	8/31/2014	5.7	5.7	1.62	17.27	12099	75.4725%	Chloride	--	mg/L	500	28.3	#VALUE!	46537.0826
5439000	10/21/1929	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	6/18/1930	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	8/8/1985	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	11/11/1991	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	3/18/1996	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	12/5/1996	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	7/16/1997	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	7/29/1999	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	10/22/1999	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	12/17/1999	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	12/20/1999	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	8/20/2000	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	9/15/2000	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/18/2001	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	4/11/2003	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	12/25/2003	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	8/3/2004	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	12/8/2007	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	8/6/2009	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	8/16/2012	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	9/2/2013	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	8/16/2014	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	8/28/2014	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	9/1/2014	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	3/9/2015	5.6	5.6	1.62	17.10	12140	75.7283%	Chloride	--	mg/L	500	28.3	#VALUE!	46101.23029
5439000	10/29/1932	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	7/30/1980	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	8/24/1982	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	10/8/1982	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	10/26/1982	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	10/30/1982	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	10/31/1982	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	8/9/1983	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	10/24/1984	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	12/15/1988	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	1/1/1989	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	7/14/1991	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	8/9/1991	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	6/28/1992	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	6/29/1992	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	7/30/1995	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	10/8/1995	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	10/22/1996	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	10/18/1999	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/4/1999	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	12/21/1999	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	7/14/2001	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	1/3/2006	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	11/17/2007	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	8/11/2008	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	9/23/2009	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	8/25/2010	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	10/10/2011	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	10/31/2011	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	11/13/2014	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	1/22/2015	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	1/23/2015	5.5	5.5	1.62	16.94	12165	75.8842%	Chloride	--	mg/L	500	28.3	#VALUE!	45665.37797
5439000	11/20/1925	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	12/14/1925	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	1/10/1926	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	5/29/1926	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	6/14/1928	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	8/13/1929	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	8/1/1980	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	10/12/1983	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	7/14/1984	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	7/24/1985	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	8/11/1986	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	8/10/1987	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	12/13/1988	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	12/21/1988	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	11/9/1991	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	3/21/1996	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	12/6/1996	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	12/9/1996	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/10/1998	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	7/30/1999	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	1/11/2000	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	10/2/2000	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	8/5/2004	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	2/5/2007	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	11/16/2007	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	11/19/2007	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	8/3/2008	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	9/13/2009	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	12/26/2010	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	10/9/2011	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	6/27/2012	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	2/6/2013	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	11/10/2013	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	2/26/2014	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	11/16/2014	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	1/24/2015	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	1/25/2015	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	1/26/2015	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	1/27/2015	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	1/28/2015	5.4	5.4	1.62	16.78	12197	76.0838%	Chloride	--	mg/L	500	28.3	#VALUE!	45229.52565
5439000	10/23/1930	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	10/24/1930	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	10/25/1930	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	10/26/1930	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	2/28/1931	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	3/1/1931	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	3/3/1931	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	7/13/1931	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	10/20/1931	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/31/1931	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	8/4/1981	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	8/11/1981	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	8/12/1981	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	8/13/1981	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	8/17/1985	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	7/10/1987	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	7/16/1987	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	6/24/1988	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	12/10/1988	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	9/17/1990	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	7/10/1992	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	8/30/1992	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	3/19/1996	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	7/15/2002	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	11/17/2006	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	9/1/2010	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	10/22/2011	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	8/4/2012	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	3/9/2014	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	11/18/2014	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	1/29/2015	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	1/30/2015	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	1/31/2015	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	2/1/2015	5.3	5.3	1.62	16.62	12237	76.3334%	Chloride	--	mg/L	500	28.3	#VALUE!	44793.67334
5439000	6/23/1932	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	10/10/1932	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	11/12/1932	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	12/21/1932	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	8/23/1982	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	10/26/1983	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/12/1986	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	8/20/1988	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	12/8/1989	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	12/31/1989	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	7/18/1991	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	8/10/1991	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	11/12/1991	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	8/30/1994	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	9/10/1994	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	11/3/1996	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	9/3/1998	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	9/30/1998	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	8/27/2002	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	4/2/2003	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	4/20/2003	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	1/13/2004	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	6/18/2005	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	7/15/2006	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	10/23/2006	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	11/2/2006	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	12/9/2007	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	7/21/2012	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	8/12/2013	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	9/9/2014	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	2/2/2015	5.2	5.2	1.62	16.46	12271	76.5454%	Chloride	--	mg/L	500	28.3	#VALUE!	44357.82102
5439000	1/25/1926	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	7/19/1926	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	7/25/1926	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	7/14/1927	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	6/10/1928	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	8/25/1928	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/3/1928	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	9/12/1928	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	8/1/1929	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	8/9/1929	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	6/5/1931	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	10/23/1931	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	11/7/1931	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	7/26/1933	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	9/26/1984	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	8/17/1986	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	7/6/1989	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	8/31/1991	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	9/8/1995	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	11/4/1996	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	7/30/1998	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	12/18/1999	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	12/19/1999	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	10/10/2001	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	11/18/2006	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	8/20/2014	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	2/3/2015	5.1	5.1	1.62	16.30	12302	76.7388%	Chloride	--	mg/L	500	28.3	#VALUE!	43921.96871
5439000	2/2/1928	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	2/3/1928	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	11/29/1930	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	1/24/1931	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	2/11/1931	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	2/27/1931	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	3/4/1931	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	10/20/1979	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	7/31/1980	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	9/20/1981	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/29/1983	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	11/6/1983	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	11/7/1983	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	11/8/1983	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	11/12/1983	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	11/16/1983	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	7/15/1984	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	8/13/1986	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	7/14/1987	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	7/19/1988	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	7/7/1989	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	9/20/1990	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	9/24/1990	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	7/15/1991	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	9/6/1991	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	8/2/1995	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	8/4/1995	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	8/21/1995	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	9/21/1995	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	9/19/1996	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	9/23/1996	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	12/10/1996	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	10/13/1997	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	10/9/1998	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	10/4/2001	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	10/5/2002	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	12/21/2004	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	12/13/2010	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	12/28/2010	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	8/29/2011	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	10/30/2011	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/1/2013	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	2/4/2015	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	2/5/2015	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	2/6/2015	5	5	1.62	16.13	12329	76.9072%	Chloride	--	mg/L	500	28.3	#VALUE!	43486.11639
5439000	7/14/1931	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	7/15/1931	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	11/1/1931	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	7/5/1932	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	10/30/1932	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	8/25/1982	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	10/28/1982	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	8/10/1983	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	8/18/1985	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	10/5/1990	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	7/17/1991	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	7/24/1991	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	11/13/1991	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	7/11/1992	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	7/31/1995	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	10/16/1996	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	10/18/1996	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	11/8/1996	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	12/8/1996	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	7/20/1997	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	10/21/1999	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	10/30/1999	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	7/15/2001	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	7/20/2003	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	12/27/2003	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	1/14/2004	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	11/5/2004	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/19/2005	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	8/13/2009	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	12/2/2010	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	11/1/2011	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	8/17/2014	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	9/21/2014	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	10/7/2014	4.9	4.9	1.62	15.97	12374	77.1879%	Chloride	--	mg/L	500	28.3	#VALUE!	43050.26408
5439000	12/15/1925	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	6/3/1926	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	7/19/1927	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	6/11/1928	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	6/12/1928	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	6/15/1928	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	6/16/1928	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	7/4/1930	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	7/15/1930	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	10/2/1930	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	2/17/1931	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	2/18/1931	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	2/26/1931	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	3/2/1931	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	6/22/1933	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	1/9/1982	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	7/17/1987	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	7/29/1987	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	7/17/1989	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	12/9/1989	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	8/27/1992	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	8/5/1995	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	9/18/1996	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	10/20/1999	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/31/1999	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	1/4/2000	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	1/12/2000	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	8/21/2000	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	9/19/2002	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	3/29/2003	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	4/19/2003	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	7/24/2003	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	7/25/2004	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	3/8/2006	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	9/24/2009	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	11/29/2010	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	12/22/2012	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	9/15/2013	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	9/16/2014	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	2/7/2015	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	2/8/2015	4.8	4.8	1.62	15.81	12408	77.4000%	Chloride	--	mg/L	500	28.3	#VALUE!	42614.41176
5439000	11/2/1931	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	11/4/1931	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	11/6/1931	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	10/4/1979	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	10/17/1979	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	11/16/1979	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	2/16/1982	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	8/11/1987	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	6/23/1988	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	6/25/1988	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	12/11/1988	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	12/25/1988	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	9/18/1990	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	8/29/1991	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/27/1991	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	8/10/1992	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	3/20/1996	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	9/21/1996	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	11/9/1996	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	8/24/1998	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	10/24/1999	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	10/29/1999	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	11/3/1999	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	11/12/1999	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	11/5/2000	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	7/24/2001	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	8/16/2001	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	12/26/2003	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	1/12/2004	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	113.00	mg/L	500	28.3	9532.354435	42178.55945
5439000	12/29/2004	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	9/14/2009	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	8/26/2010	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	8/31/2010	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	9/7/2010	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	12/29/2010	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	6/28/2012	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	8/2/2013	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	8/25/2013	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	2/9/2015	4.7	4.7	1.62	15.65	12449	77.6558%	Chloride	--	mg/L	500	28.3	#VALUE!	42178.55945
5439000	6/29/1932	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	7/13/1932	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	11/11/1932	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	9/16/1981	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	9/9/1982	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	10/27/1982	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/28/1985	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	8/9/1985	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	8/12/1985	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	8/19/1986	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	2/15/1987	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	8/19/1988	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	10/18/1988	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	7/9/1989	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	12/27/1989	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	12/30/1989	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	9/25/1990	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	7/12/1991	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	10/10/1991	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	7/29/1994	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	9/29/1994	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	10/4/1994	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	10/5/1994	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	8/6/1995	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	10/10/1995	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	1/31/1996	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	9/22/1996	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	9/17/1998	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	8/26/1999	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	11/2/1999	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	9/27/2001	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	10/24/2004	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	11/3/2004	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	11/20/2004	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	6/30/2005	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	8/10/2008	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	8/31/2011	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/16/2012	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	9/2/2014	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	2/10/2015	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	2/11/2015	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	2/12/2015	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	2/13/2015	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	2/14/2015	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	2/15/2015	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	2/16/2015	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	2/17/2015	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	2/18/2015	4.6	4.6	1.62	15.49	12488	77.8991%	Chloride	--	mg/L	500	28.3	#VALUE!	41742.70713
5439000	1/26/1926	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	2/11/1926	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	7/26/1926	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	8/15/1926	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	9/5/1928	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	9/6/1928	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	9/10/1928	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	9/11/1928	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	9/18/1928	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	6/19/1930	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	7/5/1930	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	12/15/1930	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	11/5/1931	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	6/23/1933	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	6/26/1933	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	7/27/1933	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	9/21/1981	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	9/25/1981	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	1/10/1982	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	10/3/1983	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/1/1984	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	10/25/1984	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	7/18/1987	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	8/18/1988	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	12/12/1988	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	1/2/1989	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	12/28/1989	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	12/29/1989	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	7/21/1991	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	7/29/1991	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	8/2/1991	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	9/17/1991	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	2/6/1996	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	11/18/1996	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	11/4/1999	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	8/25/2000	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	8/27/2004	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	12/22/2004	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	6/20/2005	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	93.80	mg/L	500	28.3	7749.165964	41306.85482
5439000	10/11/2006	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	8/30/2010	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	10/28/2011	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	11/3/2013	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	8/18/2014	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	8/19/2014	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	11/14/2014	4.5	4.5	1.62	15.33	12536	78.1985%	Chloride	--	mg/L	500	28.3	#VALUE!	41306.85482
5439000	6/25/1932	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	12/18/1932	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	12/19/1932	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	10/23/1979	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	11/2/1979	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/31/1981	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	1/11/1982	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	12/26/1989	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	7/16/1991	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	8/3/1991	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	10/26/1991	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	8/11/1992	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	9/8/1992	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	10/2/1994	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	10/3/1994	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	8/1/1995	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	10/5/1995	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	11/10/1996	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	11/22/1996	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	1/13/2000	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	8/17/2002	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	11/20/2003	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	11/25/2004	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	2/2/2006	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	7/22/2006	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	10/28/2010	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	10/25/2012	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	2/27/2014	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	2/19/2015	4.4	4.4	1.62	15.16	12582	78.4854%	Chloride	--	mg/L	500	28.3	#VALUE!	40871.0025
5439000	11/12/1925	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	1/12/1926	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	2/17/1926	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	7/20/1927	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	10/21/1931	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	11/3/1931	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	11/10/1931	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/24/1933	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	6/25/1933	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	1/12/1982	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	1/20/1982	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	11/18/1983	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	10/26/1984	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	8/11/1985	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	7/8/1989	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	12/15/1989	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	12/16/1989	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	12/17/1989	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	8/28/1991	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	8/12/1992	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	8/5/1994	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	10/4/1998	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	10/25/1999	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	1/9/2000	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	1/14/2000	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	1/15/2000	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	1/16/2000	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	1/17/2000	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	1/23/2000	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	10/11/2001	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	9/20/2002	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	1/15/2004	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	12/28/2004	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	6/21/2005	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	6/22/2005	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	11/3/2006	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	7/25/2012	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	10/26/2012	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/11/2013	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	11/22/2013	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	9/17/2014	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	2/20/2015	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	2/21/2015	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	2/22/2015	4.3	4.3	1.62	15.00	12611	78.6663%	Chloride	--	mg/L	500	28.3	#VALUE!	40435.15019
5439000	8/26/1928	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	8/27/1928	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	10/17/1928	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	7/6/1930	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	7/8/1930	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	10/27/1930	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	12/16/1930	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	2/16/1931	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	2/24/1931	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	2/25/1931	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	3/5/1931	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	10/12/1979	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	11/7/1979	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	1/21/1982	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	2/15/1982	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	8/26/1982	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	9/8/1982	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	9/14/1982	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	10/12/1982	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	8/19/1985	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	10/5/1985	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	8/18/1986	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	8/27/1986	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	9/13/1986	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	8/12/1987	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/26/1988	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	12/14/1989	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	12/18/1989	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	12/19/1989	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	12/20/1989	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	12/21/1989	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	12/25/1989	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	7/30/1994	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	8/3/1994	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	10/1/1994	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	7/31/1998	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	11/1/1999	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	11/24/1999	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	1/5/2000	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	1/18/2000	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	1/22/2000	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	1/24/2000	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	8/22/2000	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	8/26/2000	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	4/18/2003	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	7/31/2003	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	1/1/2004	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	12/23/2004	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	7/16/2006	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	10/4/2006	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	10/21/2006	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	11/19/2006	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	8/16/2009	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	8/27/2010	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	8/28/2010	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	8/29/2010	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/3/2013	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	9/3/2014	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	11/20/2014	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	3/8/2015	4.2	4.2	1.62	14.84	12655	78.9408%	Chloride	--	mg/L	500	28.3	#VALUE!	39999.29787
5439000	10/22/1931	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	6/24/1932	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	7/4/1932	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	11/13/1932	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	1/13/1982	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	1/19/1982	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	1/28/1982	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	8/17/1983	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	10/27/1983	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	11/17/1983	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	7/16/1984	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	12/13/1989	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	12/22/1989	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	12/23/1989	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	9/26/1990	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	8/14/1991	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	8/28/1994	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	8/31/1994	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	10/30/1995	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	11/23/1996	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	8/11/1998	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	7/31/1999	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	11/5/1999	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	11/6/1999	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	11/23/1999	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	1/19/2000	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	7/16/2002	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/25/2002	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	1/11/2004	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	8/21/2005	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	2/3/2006	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	9/25/2009	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	11/24/2010	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	10/29/2011	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	8/17/2012	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	2/28/2014	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	11/15/2014	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	2/23/2015	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	2/24/2015	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	3/7/2015	4.1	4.1	1.62	14.68	12715	79.3151%	Chloride	--	mg/L	500	28.3	#VALUE!	39563.44556
5439000	7/20/1926	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	8/16/1926	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	8/14/1929	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	9/30/1929	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	10/28/1930	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	11/16/1930	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	12/17/1930	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	2/23/1931	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	3/6/1931	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	9/17/1981	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	1/14/1982	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	1/22/1982	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	1/29/1982	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	8/27/1982	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	9/10/1982	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	8/12/1983	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	9/23/1983	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	9/8/1985	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/23/1986	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	8/24/1986	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	6/29/1988	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	12/16/1988	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	12/19/1988	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	12/10/1989	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	12/12/1989	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	12/24/1989	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	7/13/1991	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	7/19/1991	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	7/26/1991	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	9/1/1991	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	11/21/1996	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	10/26/1999	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	11/19/1999	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	12/22/1999	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	1/21/2000	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	1/25/2000	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	2/1/2000	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	2/20/2000	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	9/10/2001	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	12/27/2004	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	6/23/2005	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	7/5/2005	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	8/14/2009	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	8/30/2011	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	7/9/2012	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	1/14/2013	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	2/25/2015	4	4	1.62	14.52	12755	79.5646%	Chloride	--	mg/L	500	28.3	#VALUE!	39127.59324
5439000	9/8/1928	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	9/9/1928	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/14/1928	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	11/8/1931	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	11/9/1931	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	10/11/1979	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	10/29/1979	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	1/18/1982	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	1/23/1982	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	1/30/1982	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	1/31/1982	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	2/14/1982	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	9/8/1984	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	8/30/1985	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	1/3/1989	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	12/11/1989	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	7/20/1991	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	7/25/1991	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	8/31/1992	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	9/30/1994	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	10/6/1994	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	11/11/1996	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	7/17/1997	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	11/9/1999	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	12/3/1999	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	1/26/2000	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	1/31/2000	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	8/23/2000	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	8/29/2000	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	10/6/2001	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	11/6/2003	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	1/2/2004	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	12/24/2004	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/1/2005	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	8/16/2011	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	10/13/2012	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	3/1/2014	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	3/2/2014	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	3/3/2014	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	11/21/2014	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	2/26/2015	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	2/27/2015	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	2/28/2015	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	3/1/2015	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	3/2/2015	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	3/3/2015	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	3/4/2015	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	3/5/2015	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	3/6/2015	3.9	3.9	1.62	14.36	12802	79.8578%	Chloride	--	mg/L	500	28.3	#VALUE!	38691.74093
5439000	11/21/1925	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	12/16/1925	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	1/11/1926	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	1/27/1926	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	3/31/1926	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	8/7/1927	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	8/8/1927	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	8/9/1927	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	8/10/1927	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	7/7/1930	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	7/16/1930	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	12/18/1930	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	12/19/1930	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	2/12/1931	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	2/13/1931	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/15/1931	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	2/19/1931	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	8/31/1932	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	10/31/1932	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	12/7/1932	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	12/17/1932	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	12/20/1932	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	7/28/1933	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	1/15/1982	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	1/27/1982	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	2/1/1982	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	2/2/1982	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	2/3/1982	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	2/13/1982	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	9/1/1982	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	9/2/1982	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	9/6/1982	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	9/7/1982	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	9/13/1982	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	8/11/1983	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	8/25/1983	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	9/15/1983	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	9/6/1985	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	8/25/1986	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	9/3/1986	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	7/19/1987	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	7/23/1987	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	6/28/1988	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	8/17/1991	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	8/26/1991	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	10/28/1991	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/24/1996	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	8/30/1998	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	10/28/1999	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	11/8/1999	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	11/13/1999	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	1/20/2000	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	1/30/2000	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	2/2/2000	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	8/24/2000	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	9/21/2000	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	9/28/2001	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	12/25/2004	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	12/26/2004	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	6/24/2005	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	7/23/2006	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	10/24/2006	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	10/25/2006	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	9/15/2009	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	9/26/2009	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	9/6/2012	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	3/4/2014	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	3/5/2014	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	3/6/2014	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	3/7/2014	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	3/8/2014	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	9/19/2014	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	10/8/2014	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	11/19/2014	3.8	3.8	1.62	14.19	12851	80.1634%	Chloride	--	mg/L	500	28.3	#VALUE!	38255.88861
5439000	9/1/1931	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	9/22/1981	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	1/16/1982	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/17/1982	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	1/24/1982	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	2/4/1982	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	2/5/1982	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	2/6/1982	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	2/7/1982	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	2/8/1982	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	2/11/1982	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	2/12/1982	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	11/13/1983	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	11/14/1983	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	7/17/1984	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	8/20/1985	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	8/25/1985	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	8/29/1985	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	8/20/1986	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	8/22/1986	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	8/28/1986	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	11/5/1988	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	9/2/1992	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	2/1/1996	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	10/6/1996	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	10/10/1998	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	10/27/1999	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	11/27/1999	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	1/6/2000	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	1/8/2000	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	1/27/2000	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	123.00	mg/L	500	28.3	9303.728929	37820.03629
5439000	1/29/2000	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	2/10/2000	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	2/11/2000	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/13/2000	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	10/9/2001	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	8/28/2002	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	7/26/2004	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	8/4/2006	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	8/15/2009	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	9/8/2010	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	10/30/2013	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	11/4/2013	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	11/12/2013	3.7	3.7	1.62	14.03	12925	80.6250%	Chloride	--	mg/L	500	28.3	#VALUE!	37820.03629
5439000	7/27/1926	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	8/17/1926	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	8/29/1928	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	6/20/1930	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	10/29/1930	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	10/30/1930	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	11/20/1930	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	12/20/1930	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	1/23/1931	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	2/14/1931	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	2/20/1931	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	7/6/1932	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	9/15/1932	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	11/14/1932	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	11/15/1932	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	8/1/1981	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	9/23/1981	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	1/25/1982	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	1/26/1982	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	2/9/1982	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	2/10/1982	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/3/1982	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	9/18/1982	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	8/26/1985	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	7/20/1987	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	7/20/1988	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	7/25/1988	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	1/4/1989	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	10/18/1991	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	8/28/1992	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	8/10/1995	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	10/2/1996	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	10/3/1996	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	10/24/1996	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	11/12/1996	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	7/22/1997	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	7/24/1997	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	10/29/1997	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	8/1/1998	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	11/10/1999	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	11/16/1999	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	12/23/1999	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	1/28/2000	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	2/3/2000	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	2/14/2000	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	2/16/2000	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	8/30/2000	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	7/18/2001	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	7/19/2001	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	3/22/2003	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	1/3/2004	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	6/25/2005	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/26/2006	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	10/18/2006	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	11/4/2006	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	8/22/2008	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	9/6/2008	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	9/19/2011	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	7/3/2012	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	9/7/2012	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	9/18/2014	3.6	3.6	1.62	13.87	12969	80.8995%	Chloride	--	mg/L	500	28.3	#VALUE!	37384.18398
5439000	7/21/1927	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	7/16/1931	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	9/27/1984	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	7/29/1985	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	7/30/1985	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	8/21/1985	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	12/17/1988	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	1/5/1989	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	1/8/1989	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	9/27/1990	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	10/7/1990	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	7/28/1991	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	9/18/1991	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	9/24/1991	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	9/26/1991	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	9/29/1991	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	10/11/1991	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	10/14/1991	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	10/19/1991	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	8/13/1992	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	7/31/1994	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	10/9/1995	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/23/1995	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	11/24/1996	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	11/7/1999	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	11/20/1999	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	11/26/1999	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	1/3/2000	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	2/4/2000	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	2/5/2000	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	2/9/2000	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	2/12/2000	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	2/15/2000	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	2/17/2000	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	2/18/2000	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	2/19/2000	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	11/13/2002	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	11/14/2002	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	4/3/2003	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	9/14/2006	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	7/27/2012	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	1/17/2014	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	2/19/2014	3.5	3.5	1.62	13.71	13030	81.2800%	Chloride	--	mg/L	500	28.3	#VALUE!	36948.33166
5439000	11/25/1925	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	2/12/1926	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	10/1/1979	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	10/5/1979	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	10/19/1979	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	10/30/1979	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	11/8/1979	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	11/10/1979	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	11/18/1979	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	11/19/1979	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/20/1979	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	8/28/1982	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	8/13/1983	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	8/18/1983	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	8/19/1984	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	8/23/1985	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	12/18/1988	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	1/6/1989	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	10/6/1990	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	7/30/1991	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	8/27/1991	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	9/23/1991	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	9/27/1991	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	9/3/1992	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	8/6/1994	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	8/7/1995	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	9/22/1995	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	10/4/1996	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	10/20/1996	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	8/12/1998	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	9/18/1998	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	8/23/1999	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	11/18/1999	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	12/26/1999	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	1/7/2000	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	2/6/2000	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	2/7/2000	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	7/16/2001	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	10/7/2001	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	10/8/2001	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	4/21/2003	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/26/2004	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	7/17/2006	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	9/24/2006	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	11/20/2006	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	9/16/2009	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	11/25/2010	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	9/8/2012	3.4	3.4	1.62	13.55	13073	81.5483%	Chloride	--	mg/L	500	28.3	#VALUE!	36512.47935
5439000	9/7/1928	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	9/19/1928	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	9/4/1930	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	10/3/1930	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	10/31/1930	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	11/1/1930	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	11/17/1930	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	12/21/1930	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	2/22/1931	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	6/30/1932	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	7/14/1932	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	6/27/1933	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	9/24/1981	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	10/28/1983	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	10/31/1983	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	7/21/1984	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	8/29/1986	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	1/7/1989	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	7/27/1991	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	9/21/1991	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	10/24/1991	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	8/29/1994	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	8/22/1995	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	10/11/1995	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/25/1996	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	10/5/1996	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	10/25/1996	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	11/19/1996	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	11/5/1997	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	10/15/1998	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	8/1/1999	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	11/15/1999	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	11/17/1999	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	12/24/1999	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	12/27/1999	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	2/8/2000	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	9/29/2001	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	9/30/2001	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	8/1/2002	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	7/27/2004	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	11/6/2004	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	10/19/2006	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	8/12/2008	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	9/27/2009	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	8/1/2012	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	9/19/2012	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	10/27/2012	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	12/15/2012	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	8/4/2013	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	8/5/2013	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	9/3/2013	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	10/12/2013	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	11/5/2013	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	11/26/2013	3.3	3.3	1.62	13.39	13121	81.8477%	Chloride	--	mg/L	500	28.3	#VALUE!	36076.62703
5439000	12/17/1925	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/21/1926	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	7/28/1926	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	7/29/1926	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	8/15/1929	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	10/24/1979	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	10/31/1979	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	11/9/1979	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	9/4/1982	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	9/11/1982	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	8/27/1983	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	9/10/1983	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	10/4/1983	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	10/13/1983	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	7/18/1984	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	7/26/1984	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	8/22/1985	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	8/28/1985	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	9/1/1986	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	6/26/1988	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	6/30/1988	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	9/25/1991	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	9/28/1991	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	10/13/1991	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	9/5/1994	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	10/15/1995	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	10/13/1996	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	7/23/1997	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	8/27/1998	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	9/29/1998	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	8/27/1999	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	11/14/1999	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/25/1999	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	12/25/1999	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	12/28/1999	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	12/31/1999	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	1/1/2000	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	1/2/2000	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	4/27/2003	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	7/25/2003	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	8/6/2004	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	8/29/2004	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	6/26/2005	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	11/5/2006	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	11/24/2006	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	9/28/2009	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	12/3/2010	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	12/14/2010	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	7/22/2012	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	11/23/2013	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	11/25/2013	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	12/20/2013	3.2	3.2	1.62	13.22	13175	82.1845%	Chloride	--	mg/L	500	28.3	#VALUE!	35640.77472
5439000	9/25/1931	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	10/4/1932	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	11/1/1932	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	7/29/1933	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	8/3/1933	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	9/2/1986	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	7/10/1989	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	10/1/1990	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	8/19/1991	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	9/10/1991	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	10/12/1991	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/14/1992	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	10/25/1995	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	11/13/1996	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	11/20/1996	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	8/20/1997	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	11/2/1997	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	11/29/1997	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	11/30/1997	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	10/11/1998	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	11/28/1999	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	12/29/1999	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	12/30/1999	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	11/12/2002	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	1/10/2004	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	1/16/2004	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	6/27/2005	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	7/24/2006	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	9/9/2010	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	10/29/2010	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	12/4/2010	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	9/1/2011	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	12/23/2012	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	10/9/2014	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	10/11/2014	3.1	3.1	1.62	13.06	13227	82.5089%	Chloride	--	mg/L	500	28.3	#VALUE!	35204.9224
5439000	11/11/1925	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	11/22/1925	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	9/28/1927	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	8/28/1928	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	8/16/1929	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	8/17/1929	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	10/16/1929	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/17/1929	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	10/18/1929	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	10/19/1929	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	10/20/1929	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	6/21/1930	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	7/17/1930	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	12/22/1930	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	7/17/1931	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	8/29/1982	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	8/31/1982	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	9/12/1982	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	9/16/1982	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	8/28/1983	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	8/31/1985	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	9/1/1985	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	9/2/1985	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	9/9/1985	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	10/6/1985	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	8/21/1986	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	8/30/1986	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	7/21/1987	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	7/22/1987	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	7/24/1987	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	9/28/1990	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	9/29/1990	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	10/2/1990	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	8/6/1991	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	9/7/1991	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	9/19/1991	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	9/22/1991	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	10/20/1991	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/21/1991	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	9/1/1994	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	10/1/1995	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	8/2/1998	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	11/22/1999	3	3	1.62	12.90	13262	82.7272%	Chloride	140.00	mg/L	500	28.3	9735.339625	34769.07009
5439000	8/28/2000	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	8/18/2001	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	3/26/2003	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	3/30/2003	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	8/12/2004	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	7/2/2005	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	7/21/2005	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	7/27/2005	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	2/4/2006	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	11/6/2006	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	11/7/2006	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	11/8/2006	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	9/17/2009	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	9/19/2009	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	9/10/2010	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	8/17/2011	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	1/10/2013	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	12/23/2013	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	10/10/2014	3	3	1.62	12.90	13262	82.7272%	Chloride	--	mg/L	500	28.3	#VALUE!	34769.07009
5439000	10/25/1979	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	10/27/1979	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	10/28/1979	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	11/6/1979	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	11/11/1979	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	11/17/1979	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	8/14/1983	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/19/1983	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	9/16/1983	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	8/27/1985	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	9/3/1985	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	9/11/1985	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	9/21/1985	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	8/31/1986	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	9/4/1986	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	9/6/1986	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	7/5/1988	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	9/30/1990	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	10/23/1991	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	8/15/1992	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	8/29/1992	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	9/3/1994	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	10/17/1995	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	10/11/1996	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	10/12/1996	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	11/14/1996	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	11/15/1996	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	11/16/1996	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	11/29/1996	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	10/1/1998	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	11/21/1999	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	7/20/2001	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	7/19/2002	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	11/6/2002	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	8/3/2003	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	1/4/2004	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	8/11/2004	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	11/8/2004	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/6/2005	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	8/19/2005	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	11/9/2006	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	11/21/2006	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	10/12/2010	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	9/4/2011	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	8/26/2013	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	1/10/2014	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	9/20/2014	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	9/22/2014	2.9	2.9	1.62	12.74	13324	83.1140%	Chloride	--	mg/L	500	28.3	#VALUE!	34333.21777
5439000	1/28/1926	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	8/18/1926	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	8/19/1926	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	6/22/1930	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	11/2/1930	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	12/23/1930	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	2/21/1931	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	8/30/1982	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	10/6/1982	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	10/17/1982	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	9/2/1983	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	9/24/1983	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	7/19/1984	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	8/17/1984	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	9/14/1984	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	9/4/1985	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	9/5/1985	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	9/7/1986	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	7/25/1987	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	8/5/1991	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	9/20/1991	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/23/1995	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	10/21/1995	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	2/2/1996	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	10/14/1996	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	11/27/1996	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	8/31/1998	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	11/29/1999	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	8/27/2000	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	10/1/2001	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	11/10/2002	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	11/11/2002	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	4/1/2003	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	7/28/2003	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	11/21/2003	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	12/5/2003	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	7/28/2004	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	8/28/2004	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	6/28/2005	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	9/24/2010	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	12/5/2010	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	7/4/2012	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	1/15/2013	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	8/6/2013	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	10/13/2013	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	11/13/2013	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	12/22/2013	2.8	2.8	1.62	12.58	13372	83.4134%	Chloride	--	mg/L	500	28.3	#VALUE!	33897.36546
5439000	7/22/1927	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	7/23/1927	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	7/24/1927	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	7/25/1927	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	7/26/1927	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/27/1927	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	8/11/1927	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	8/21/1929	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	8/22/1929	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	10/6/1979	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	10/7/1979	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	10/26/1979	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	11/13/1979	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	11/14/1979	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	10/14/1983	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	9/10/1985	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	9/12/1985	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	9/13/1985	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	9/28/1985	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	9/5/1986	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	6/27/1988	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	7/1/1988	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	8/13/1988	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	7/31/1991	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	8/4/1991	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	8/20/1991	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	10/15/1991	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	10/22/1991	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	9/6/1992	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	9/7/1992	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	9/2/1994	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	10/22/1995	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	10/26/1995	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	10/10/1996	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	10/26/1996	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	10/27/1996	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/25/1996	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	7/17/2002	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	8/29/2002	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	10/6/2002	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	11/7/2002	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	1/17/2004	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	11/7/2004	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	11/24/2004	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	11/29/2005	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	1/4/2006	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	7/18/2006	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	11/22/2006	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	9/10/2008	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	9/18/2009	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	9/3/2011	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	8/6/2012	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	9/16/2013	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	9/23/2014	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	10/12/2014	2.7	2.7	1.62	12.41	13419	83.7066%	Chloride	--	mg/L	500	28.3	#VALUE!	33461.51314
5439000	11/26/1925	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	12/18/1925	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	2/13/1926	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	6/4/1926	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	6/5/1926	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	6/6/1926	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	6/7/1926	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	10/4/1930	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	11/3/1930	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	12/24/1930	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	7/20/1931	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	7/21/1931	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/1/1932	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	12/10/1932	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	12/11/1932	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	12/12/1932	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	12/14/1932	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	12/16/1932	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	6/28/1933	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	9/15/1982	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	10/13/1982	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	10/18/1982	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	8/29/1983	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	7/20/1984	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	7/24/1984	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	7/27/1984	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	9/8/1986	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	9/14/1986	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	8/16/1992	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	8/7/1994	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	9/6/1994	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	10/9/1996	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	11/7/1997	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	12/25/1997	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	9/7/1998	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	10/12/1998	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	12/2/1999	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	7/17/2001	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	10/2/2001	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	11/9/2002	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	8/4/2003	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	11/17/2003	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	176.00	mg/L	500	28.3	11625.03261	33025.66083
5439000	11/21/2004	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/20/2005	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	11/23/2006	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	9/29/2009	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	7/10/2012	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	129.00	mg/L	500	28.3	8520.620493	33025.66083
5439000	10/4/2013	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	10/6/2013	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	12/21/2013	2.6	2.6	1.62	12.25	13474	84.0497%	Chloride	--	mg/L	500	28.3	#VALUE!	33025.66083
5439000	11/24/1925	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	11/27/1925	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	2/14/1926	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	8/18/1929	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	10/1/1929	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	10/8/1979	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	10/10/1979	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	10/18/1979	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	11/12/1979	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	8/15/1983	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	8/16/1983	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	8/20/1983	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	9/19/1985	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	9/16/1986	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	8/21/1988	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	9/11/1991	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	9/30/1991	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	10/17/1991	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	9/4/1994	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	8/11/1995	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	8/24/1995	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	9/20/1995	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	10/7/1996	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	10/28/1996	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/28/1996	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	8/13/1998	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	10/13/1998	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	10/16/1998	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	7/18/2002	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	7/27/2002	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	7/31/2002	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	11/8/2002	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	4/22/2003	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	1/9/2004	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	6/29/2005	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	7/27/2006	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	11/25/2006	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	8/13/2008	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	8/14/2012	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	9/9/2012	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	10/28/2012	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	12/24/2012	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	10/17/2013	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	10/18/2013	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	11/24/2013	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	12/24/2013	2.5	2.5	1.62	12.09	13524	84.3615%	Chloride	--	mg/L	500	28.3	#VALUE!	32589.80851
5439000	9/29/1929	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	6/23/1930	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	6/24/1930	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	9/5/1930	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	11/4/1930	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	11/18/1930	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	11/21/1930	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	12/25/1930	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	7/18/1931	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/2/1932	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	7/15/1932	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	11/2/1932	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	11/17/1932	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	12/15/1932	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	11/5/1979	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	8/24/1983	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	8/26/1983	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	8/30/1983	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	9/3/1983	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	9/7/1983	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	9/9/1983	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	9/25/1983	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	9/26/1983	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	9/27/1983	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	9/28/1983	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	10/16/1983	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	7/22/1984	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	9/17/1986	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	9/20/1986	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	8/24/1988	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	8/18/1991	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	10/16/1991	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	8/9/1995	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	10/8/1996	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	10/14/1997	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	10/17/1997	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	10/30/1997	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	10/31/1997	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	9/4/1998	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	11/30/1999	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/1/1999	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	7/22/2001	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	7/20/2002	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	8/7/2002	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	9/22/2002	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	12/20/2002	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	11/7/2003	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	11/22/2003	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	11/23/2003	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	1/5/2004	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	7/29/2004	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	7/26/2005	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	8/13/2005	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	9/25/2006	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	12/11/2010	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	7/11/2012	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	7/26/2012	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	9/4/2012	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	9/22/2012	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	1/16/2013	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	8/10/2013	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	8/13/2013	2.4	2.4	1.62	11.93	13570	84.6485%	Chloride	--	mg/L	500	28.3	#VALUE!	32153.9562
5439000	11/10/1925	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	12/19/1925	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	1/16/1926	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	7/28/1927	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	8/19/1929	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	8/21/1983	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	9/11/1983	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	10/30/1983	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	8/15/1991	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/21/1991	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	9/8/1991	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	10/1/1991	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	9/11/1994	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	2/3/1996	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	11/3/1997	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	8/3/1998	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	9/1/1998	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	9/3/2000	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	9/4/2000	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	9/5/2000	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	7/21/2001	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	8/6/2001	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	11/5/2002	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	3/31/2003	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	10/15/2003	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	12/6/2003	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	8/7/2004	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	8/19/2004	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	8/25/2004	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	7/25/2006	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	9/19/2006	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	11/26/2006	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	11/13/2010	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	11/14/2010	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	12/6/2010	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	8/7/2013	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	11/14/2013	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	1/18/2014	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	1/19/2014	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388
5439000	2/18/2014	2.3	2.3	1.62	11.77	13632	85.0352%	Chloride	--	mg/L	500	28.3	#VALUE!	31718.10388

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/16/1928	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	11/5/1930	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	11/6/1930	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	11/7/1930	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	11/8/1930	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	11/9/1930	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	11/10/1930	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	11/11/1930	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	11/19/1930	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	12/26/1930	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	3/7/1931	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	3/12/1931	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	11/5/1932	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	11/18/1932	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	12/8/1932	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	12/9/1932	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	10/9/1979	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	10/13/1979	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	11/3/1979	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	11/4/1979	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	9/5/1982	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	8/23/1983	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	8/31/1983	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	9/1/1983	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	9/4/1983	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	9/5/1983	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	7/25/1984	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	7/28/1984	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	9/7/1985	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	9/14/1985	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	9/20/1985	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/23/1985	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	10/7/1985	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	9/9/1986	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	9/10/1986	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	9/1/1992	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	8/8/1995	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	11/4/1997	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	8/2/1999	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	8/12/1999	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	8/31/2000	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	9/17/2000	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	7/30/2001	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	9/4/2001	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	10/3/2001	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	7/29/2002	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	8/18/2002	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	10/7/2002	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	3/23/2003	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	4/23/2003	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	7/26/2003	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	7/29/2003	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	11/24/2003	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	7/30/2004	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	10/31/2004	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	7/3/2005	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	12/1/2005	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	2/5/2006	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	7/19/2006	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	9/15/2006	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	10/20/2006	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	9/30/2009	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	87.60	mg/L	500	28.3	5480.650474	31282.25157

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/11/2010	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	9/22/2010	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	11/6/2010	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	11/13/2012	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	8/8/2013	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	9/4/2013	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	11/16/2013	2.2	2.2	1.62	11.61	13672	85.2848%	Chloride	--	mg/L	500	28.3	#VALUE!	31282.25157
5439000	1/13/1926	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	2/15/1926	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	8/20/1929	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	9/9/1929	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	7/19/1931	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	7/22/1931	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	7/30/1933	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	8/2/1933	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	9/19/1982	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	10/15/1982	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	10/16/1982	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	8/22/1983	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	9/8/1983	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	9/14/1983	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	8/20/1984	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	9/15/1984	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	9/18/1985	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	10/2/1991	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	9/5/1992	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	9/9/1995	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	10/16/1995	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	10/15/1996	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	11/1/1997	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	9/19/1998	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/22/1998	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	8/10/1999	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	8/28/1999	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	8/19/2001	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	10/26/2002	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	3/27/2003	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	1/6/2004	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	1/8/2004	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	1/18/2004	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	7/31/2004	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	7/7/2005	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	8/5/2006	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	11/27/2006	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	8/14/2008	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	11/26/2010	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	8/18/2011	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	7/12/2012	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	9/15/2012	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	9/23/2012	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	8/9/2013	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	1/20/2014	2.1	2.1	1.62	11.44	13741	85.7152%	Chloride	--	mg/L	500	28.3	#VALUE!	30846.39925
5439000	11/23/1925	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	11/28/1925	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	12/3/1925	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	1/14/1926	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	2/16/1926	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	6/8/1926	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/20/1928	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	6/25/1930	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	7/18/1930	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	11/12/1930	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/13/1930	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	11/14/1930	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	11/15/1930	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	12/27/1930	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	12/28/1930	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	11/3/1932	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	11/7/1932	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	12/6/1932	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	12/13/1932	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	7/31/1933	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	8/4/1933	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	10/14/1982	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/12/1983	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/13/1983	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/29/1983	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	10/1/1983	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	10/5/1983	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	10/6/1983	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	8/5/1984	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/6/1984	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/9/1984	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/11/1984	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/28/1984	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	10/11/1984	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/15/1985	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/17/1985	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/18/1986	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/19/1986	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	8/14/1988	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	8/25/1988	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	8/1/1991	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/22/1991	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/2/1991	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/4/1992	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/7/1994	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	2/4/1996	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	2/5/1996	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	12/1/1997	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	10/14/1998	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	8/7/1999	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/1/2000	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/19/2000	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	7/23/2001	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	10/30/2002	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	11/20/2002	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	11/21/2002	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	8/5/2003	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	11/8/2003	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	11/15/2003	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	8/13/2004	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	11/9/2004	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	2/6/2006	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/17/2006	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	9/26/2006	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	10/30/2010	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	11/7/2010	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	11/27/2010	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	7/28/2012	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	1/21/2014	2	2	1.62	11.28	13786	85.9959%	Chloride	--	mg/L	500	28.3	#VALUE!	30410.54693
5439000	7/29/1927	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	9/21/1928	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	9/21/1982	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/17/1983	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	10/19/1983	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	8/9/1984	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	8/23/1984	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	9/2/1984	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	9/4/1984	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	9/24/1985	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	9/30/1985	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	9/9/1991	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	8/25/1992	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	8/25/1995	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	8/26/1995	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	9/23/1995	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	10/19/1995	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	9/21/1998	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	8/3/1999	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	9/9/2000	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	9/10/2000	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	9/18/2000	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	8/30/2002	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	11/3/2002	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	11/19/2002	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	12/17/2002	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	4/24/2003	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	8/6/2003	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	11/14/2003	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	11/16/2003	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	8/8/2004	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	11/16/2005	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	9/10/2006	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	9/12/2008	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/21/2010	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	10/31/2010	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	11/1/2010	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	11/12/2010	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	11/16/2010	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	12/25/2010	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	9/2/2011	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	108.00	mg/L	500	28.3	6474.534038	29974.69462
5439000	9/5/2011	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	7/5/2012	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	10/12/2012	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	12/9/2012	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	8/11/2013	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	1/22/2014	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	1/23/2014	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	1/24/2014	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	1/25/2014	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	9/24/2014	1.9	1.9	1.62	11.12	13855	86.4263%	Chloride	--	mg/L	500	28.3	#VALUE!	29974.69462
5439000	11/29/1925	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	1/15/1926	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	9/22/1928	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	10/5/1928	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	10/14/1928	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	8/17/1930	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	11/22/1930	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	11/23/1930	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	11/24/1930	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	12/29/1930	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	7/16/1932	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	11/4/1932	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	11/6/1932	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	11/16/1932	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/19/1932	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	12/4/1932	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	10/7/1983	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	7/29/1984	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	8/6/1984	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	8/7/1984	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	8/10/1984	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	8/21/1984	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	8/22/1984	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	8/27/1984	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	8/28/1984	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	8/29/1984	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	8/31/1984	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	9/5/1984	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	9/7/1984	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	9/24/1984	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	9/29/1984	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	10/10/1984	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	10/16/1984	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	9/22/1985	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	9/15/1986	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	7/2/1988	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	8/22/1988	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	10/24/1988	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	11/6/1988	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	8/17/1992	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	8/8/1994	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	1/2/1998	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	8/16/1998	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	9/20/1998	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	9/2/2000	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/6/2000	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	7/21/2002	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	9/21/2002	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	10/9/2002	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	10/29/2002	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	11/22/2002	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	7/27/2003	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	9/27/2003	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	1/7/2004	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	8/1/2004	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	8/9/2004	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	8/17/2004	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	7/22/2005	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	8/22/2005	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	1/5/2006	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	2/8/2006	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	3/7/2006	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	7/28/2006	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	9/12/2010	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	9/23/2010	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	9/25/2010	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	11/5/2010	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	11/15/2010	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	11/17/2010	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	11/28/2010	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	12/15/2010	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	1/26/2013	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	11/27/2013	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	1/26/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	1/27/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	1/28/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/29/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	1/30/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	1/31/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	2/1/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	2/2/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	2/3/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	2/4/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	2/5/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	2/6/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	2/7/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	2/8/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	2/9/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	2/10/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	2/11/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	2/12/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	2/13/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	2/14/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	2/15/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	2/16/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	2/17/2014	1.8	1.8	1.62	10.96	13906	86.7444%	Chloride	--	mg/L	500	28.3	#VALUE!	29538.8423
5439000	11/30/1925	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	12/1/1925	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	12/2/1925	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	1/29/1926	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	6/9/1926	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	8/12/1927	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	8/13/1927	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	8/14/1927	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	8/23/1929	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	9/8/1929	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	11/25/1930	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/30/1930	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	3/8/1931	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	3/11/1931	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	8/1/1933	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	9/29/1982	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	10/8/1983	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	10/9/1983	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	10/10/1983	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	10/18/1983	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	8/24/1984	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	8/30/1984	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	9/3/1984	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	9/10/1984	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	9/16/1984	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	10/3/1988	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	8/12/1995	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	8/13/1995	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	8/21/1997	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	12/26/1997	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	8/15/1998	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	9/10/1998	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	8/13/1999	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	9/8/2000	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	7/25/2001	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	7/28/2002	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	9/5/2002	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	9/18/2002	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	10/3/2002	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	10/19/2002	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	10/20/2002	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	11/1/2002	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/2/2002	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	11/4/2002	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	4/25/2003	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	7/30/2003	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	11/9/2003	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	11/25/2003	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	12/2/2003	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	1/19/2004	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	2/19/2004	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	11/22/2004	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	11/6/2005	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	1/1/2006	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	9/7/2006	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	8/15/2008	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	11/3/2010	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	11/11/2010	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	11/18/2010	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	11/19/2010	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	7/23/2012	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	9/24/2012	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	12/4/2013	1.7	1.7	1.62	10.80	14002	87.3433%	Chloride	--	mg/L	500	28.3	#VALUE!	29102.98999
5439000	10/15/1928	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	7/23/1931	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	11/20/1932	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	10/14/1979	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	9/20/1982	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	9/22/1982	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	9/24/1982	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	9/28/1982	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	9/30/1982	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	10/2/1983	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/15/1983	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	7/23/1984	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	7/30/1984	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	8/8/1984	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	8/13/1984	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	8/14/1984	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	8/25/1984	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	9/30/1984	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	10/12/1984	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	9/27/1985	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	8/15/1988	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	8/27/1988	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	10/20/1997	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	8/14/1998	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	8/19/1998	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	8/20/1998	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	9/2/1998	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	9/5/1998	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	9/27/1998	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	8/8/1999	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	8/29/1999	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	9/8/2001	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	9/2/2002	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	10/21/2002	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	10/27/2002	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	10/31/2002	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	12/21/2002	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	3/24/2003	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	9880.00	mg/L	500	28.3	566462.6404	28667.13767
5439000	10/25/2003	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	8/30/2004	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	11/10/2004	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/23/2004	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	2/7/2006	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	2/9/2006	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	10/5/2006	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	10/12/2006	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	9/11/2008	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	9/19/2010	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	9/20/2010	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	11/2/2010	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	11/11/2012	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	12/10/2012	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	1/17/2013	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	10/3/2013	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	11/15/2013	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	12/5/2013	1.6	1.6	1.62	10.64	14065	87.7363%	Chloride	--	mg/L	500	28.3	#VALUE!	28667.13767
5439000	7/30/1927	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	8/15/1927	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	9/10/1929	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	10/2/1929	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	7/19/1930	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	12/31/1930	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	8/5/1933	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	8/17/1933	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	9/23/1982	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	10/11/1983	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	8/26/1984	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	9/12/1984	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	9/17/1984	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	9/18/1984	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	9/19/1984	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	10/2/1984	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/3/1984	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	10/7/1984	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	7/6/1988	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	9/12/1988	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	9/8/1994	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	9/12/1994	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	9/16/1997	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	9/26/1998	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	8/9/1999	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	8/3/2001	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	7/30/2002	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	8/31/2002	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	9/1/2002	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	10/22/2002	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	10/28/2002	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	11/18/2002	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	11/10/2003	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	11/26/2003	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	12/7/2003	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	1/20/2004	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	2/18/2004	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	8/2/2004	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	8/26/2004	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	9/5/2004	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	11/18/2004	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	9/16/2006	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	8/21/2008	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	11/10/2010	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	11/20/2010	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	8/18/2012	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	9/10/2012	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	143.00	mg/L	500	28.3	8074.147612	28231.28536

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/29/2012	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	12/17/2012	1.5	1.5	1.62	10.47	14121	88.0856%	Chloride	--	mg/L	500	28.3	#VALUE!	28231.28536
5439000	11/4/1925	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	6/10/1926	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	7/31/1927	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/1/1927	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/2/1927	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/18/1927	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/26/1927	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/23/1928	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	10/13/1928	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/24/1929	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/25/1929	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/26/1929	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/27/1929	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/28/1929	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/29/1929	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/30/1929	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/31/1929	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/19/1929	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/25/1929	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	10/3/1929	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	10/14/1929	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	7/20/1930	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/6/1930	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/7/1930	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	10/5/1930	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	10/6/1930	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	1/1/1931	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	3/10/1931	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	7/24/1931	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/2/1931	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	10/16/1979	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	10/1/1982	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	10/5/1982	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/11/1984	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/12/1984	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/20/1984	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	10/4/1984	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	10/21/1988	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/9/1994	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/22/1994	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/27/1995	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/10/1995	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/24/1995	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	7/26/1997	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	12/11/1997	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	12/27/1997	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/17/1998	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/23/1998	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/8/1998	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/4/1999	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	101.00	mg/L	500	28.3	5614.677475	27795.43304
5439000	8/6/1999	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/13/1999	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/6/2001	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/11/2001	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	10/8/2002	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	10/15/2002	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	10/18/2002	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	10/24/2002	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	4/28/2003	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	34.40	mg/L	500	28.3	1912.325793	27795.43304
5439000	8/7/2003	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/26/2003	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	11/13/2003	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	12/3/2003	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/10/2004	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/24/2004	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	10/25/2004	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	7/8/2005	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	7/10/2005	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	11/15/2005	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	2/10/2006	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	7/29/2006	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/6/2006	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/27/2006	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/16/2008	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/7/2008	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/13/2010	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/26/2010	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	11/4/2010	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	11/8/2010	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	11/9/2010	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	11/21/2010	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	12/18/2010	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/19/2011	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/20/2011	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	7/29/2012	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	8/13/2012	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	12/25/2012	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	9/19/2013	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	10/5/2013	1.4	1.4	1.62	10.31	14170	88.3912%	Chloride	--	mg/L	500	28.3	#VALUE!	27795.43304
5439000	12/20/1925	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	1/3/1926	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/15/1929	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	7/21/1930	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	7/22/1930	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	7/17/1932	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	11/21/1932	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	9/25/1982	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	9/27/1982	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	9/30/1983	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	9/21/1984	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	10/1/1984	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	10/5/1984	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	9/25/1985	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	9/29/1985	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	8/23/1988	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	9/4/1988	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	8/14/1995	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	8/28/1995	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	8/29/1995	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	10/9/1997	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	10/15/1997	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	12/3/1997	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	8/18/1998	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	9/28/1998	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	8/5/1999	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	8/14/1999	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	8/1/2001	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	10/23/2002	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	4/26/2003	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	11/11/2003	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	11/27/2003	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	11/28/2003	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/8/2003	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	2/17/2004	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	8/18/2004	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	9/16/2004	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	7/9/2005	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	7/25/2005	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	110.00	mg/L	500	28.3	6019.10776	27359.58073
5439000	8/14/2005	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	11/9/2005	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	9/20/2006	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	12/7/2010	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	12/16/2010	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	12/20/2010	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	12/24/2010	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	7/14/2012	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	8/27/2012	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	9/14/2012	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	10/10/2012	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	132.00	mg/L	500	28.3	7222.929312	27359.58073
5439000	8/27/2013	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	9/5/2013	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	11/28/2013	1.3	1.3	1.62	10.15	14259	88.9464%	Chloride	--	mg/L	500	28.3	#VALUE!	27359.58073
5439000	11/9/1925	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	8/3/1927	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	8/16/1927	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	8/18/1927	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	9/6/1927	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	10/4/1929	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	10/9/1929	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	10/13/1929	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	7/23/1930	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	7/24/1930	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	7/25/1930	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/18/1930	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	8/19/1930	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	9/8/1930	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	11/26/1930	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	1/2/1931	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	8/9/1931	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	8/28/1931	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	8/9/1933	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	10/2/1982	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	9/22/1984	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	9/16/1985	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	8/16/1988	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	9/3/1991	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	8/30/1995	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	9/25/1995	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	9/30/1995	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	10/14/1995	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	8/22/1997	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	10/19/1997	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	10/24/1997	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	11/8/1997	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	12/2/1997	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	12/4/1997	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	8/22/1998	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	9/9/1998	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	9/23/1998	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	9/7/2000	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	9/17/2001	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	7/22/2002	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	12/22/2002	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	10/16/2003	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/30/2003	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	12/4/2003	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	1/21/2004	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	1/26/2004	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	1/27/2004	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	1/28/2004	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	1/29/2004	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	1/30/2004	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	1/31/2004	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	2/11/2004	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	2/12/2004	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	2/13/2004	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	2/14/2004	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	2/15/2004	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	2/16/2004	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	10/29/2004	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	11/11/2004	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	7/23/2005	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	7/28/2005	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	11/30/2005	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	532.00	mg/L	500	28.3	28646.84703	26923.72841
5439000	12/2/2005	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	1/6/2006	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	2/11/2006	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	3/6/2006	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	7/30/2006	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	8/28/2006	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	9/8/2006	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	8/17/2008	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	7/6/2012	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	8/26/2012	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	9/21/2012	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/9/2012	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	10/7/2013	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	12/3/2013	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	9/25/2014	1.2	1.2	1.62	9.99	14312	89.2770%	Chloride	--	mg/L	500	28.3	#VALUE!	26923.72841
5439000	10/12/1928	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	7/26/1930	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	9/9/1930	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	1/3/1931	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	7/18/1932	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	9/16/1932	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	11/23/1932	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	11/24/1932	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	8/10/1933	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	8/14/1933	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	8/15/1933	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	8/31/1933	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	9/1/1933	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	9/2/1933	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	10/4/1982	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	8/15/1984	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	10/15/1984	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	9/26/1985	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	10/1/1985	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	7/21/1988	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	8/17/1988	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	11/7/1988	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	8/21/1992	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	8/31/1995	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	9/19/1995	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	11/27/1997	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	11/28/1997	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/30/1997	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	8/21/1998	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	9/6/1998	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	8/17/2001	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	8/12/2002	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	8/19/2002	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	9/3/2002	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	9/23/2002	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	10/14/2002	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	11/17/2002	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	11/23/2002	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	11/12/2003	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	11/29/2003	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	1/22/2004	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	1/23/2004	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	1/24/2004	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	1/25/2004	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	2/1/2004	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	2/2/2004	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	2/3/2004	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	2/4/2004	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	2/5/2004	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	2/6/2004	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	2/7/2004	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	2/8/2004	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	2/9/2004	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	2/10/2004	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	113.00	mg/L	500	28.3	5986.259998	26487.8761
5439000	8/31/2004	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	9/6/2004	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	10/22/2004	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	11/13/2004	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/23/2005	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	2/12/2006	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	2/16/2006	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	2/17/2006	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	2/18/2006	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	8/29/2006	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	10/13/2006	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	8/18/2008	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	8/23/2008	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	12/19/2010	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	8/2/2012	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	9/16/2012	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	9/20/2012	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	1/18/2013	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	8/14/2013	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	9/26/2014	1.1	1.1	1.62	9.83	14389	89.7573%	Chloride	--	mg/L	500	28.3	#VALUE!	26487.8761
5439000	7/21/1925	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	8/4/1927	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	8/17/1927	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/7/1927	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/21/1927	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/1/1929	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/2/1929	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/5/1929	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/16/1929	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/18/1929	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/20/1929	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/24/1929	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/26/1929	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	10/8/1929	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	10/10/1929	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/25/1931	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	8/10/1931	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	8/30/1931	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	7/19/1932	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/12/1932	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	12/5/1932	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/26/1982	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	10/3/1982	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	8/28/1988	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/13/1994	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/14/1994	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	12/10/1997	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	12/12/1997	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	12/28/1997	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	12/29/1997	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/24/1998	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	8/30/1999	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/4/2002	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	10/16/2002	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	12/16/2002	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	11/12/2004	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	7/24/2005	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	2/14/2006	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	2/15/2006	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	2/19/2006	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	2/20/2006	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	2/21/2006	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	2/22/2006	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	2/23/2006	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	8/7/2006	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/28/2006	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/20/2008	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/15/2010	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	12/17/2010	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	12/21/2010	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	9/6/2011	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	8/28/2012	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	1/19/2013	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	1/25/2013	1	1	1.62	9.67	14463	90.2190%	Chloride	--	mg/L	500	28.3	#VALUE!	26052.02378
5439000	10/2/1995	0.99	0.99	1.62	9.65	14517	90.5558%	Chloride	--	mg/L	500	28.3	#VALUE!	26008.43855
5439000	7/4/1988	0.98	0.98	1.62	9.63	14518	90.5620%	Chloride	--	mg/L	500	28.3	#VALUE!	25964.85332
5439000	11/3/1988	0.98	0.98	1.62	9.63	14518	90.5620%	Chloride	--	mg/L	500	28.3	#VALUE!	25964.85332
5439000	10/18/1995	0.97	0.97	1.62	9.62	14520	90.5745%	Chloride	--	mg/L	500	28.3	#VALUE!	25921.26809
5439000	12/31/1997	0.97	0.97	1.62	9.62	14520	90.5745%	Chloride	--	mg/L	500	28.3	#VALUE!	25921.26809
5439000	10/27/2003	0.97	0.97	1.62	9.62	14520	90.5745%	Chloride	--	mg/L	500	28.3	#VALUE!	25921.26809
5439000	2/13/2006	0.97	0.97	1.62	9.62	14520	90.5745%	Chloride	--	mg/L	500	28.3	#VALUE!	25921.26809
5439000	12/5/1997	0.96	0.96	1.62	9.60	14524	90.5995%	Chloride	--	mg/L	500	28.3	#VALUE!	25877.68286
5439000	12/1/2003	0.96	0.96	1.62	9.60	14524	90.5995%	Chloride	--	mg/L	500	28.3	#VALUE!	25877.68286
5439000	2/24/2006	0.96	0.96	1.62	9.60	14524	90.5995%	Chloride	--	mg/L	500	28.3	#VALUE!	25877.68286
5439000	8/26/1988	0.95	0.95	1.62	9.58	14527	90.6182%	Chloride	--	mg/L	500	28.3	#VALUE!	25834.09762
5439000	8/25/1991	0.95	0.95	1.62	9.58	14527	90.6182%	Chloride	--	mg/L	500	28.3	#VALUE!	25834.09762
5439000	9/9/1994	0.95	0.95	1.62	9.58	14527	90.6182%	Chloride	--	mg/L	500	28.3	#VALUE!	25834.09762
5439000	12/24/1997	0.95	0.95	1.62	9.58	14527	90.6182%	Chloride	--	mg/L	500	28.3	#VALUE!	25834.09762
5439000	9/25/1998	0.95	0.95	1.62	9.58	14527	90.6182%	Chloride	--	mg/L	500	28.3	#VALUE!	25834.09762
5439000	10/26/2004	0.95	0.95	1.62	9.58	14527	90.6182%	Chloride	--	mg/L	500	28.3	#VALUE!	25834.09762
5439000	9/18/2010	0.95	0.95	1.62	9.58	14527	90.6182%	Chloride	--	mg/L	500	28.3	#VALUE!	25834.09762
5439000	7/13/2012	0.95	0.95	1.62	9.58	14527	90.6182%	Chloride	--	mg/L	500	28.3	#VALUE!	25834.09762
5439000	8/7/2012	0.95	0.95	1.62	9.58	14527	90.6182%	Chloride	--	mg/L	500	28.3	#VALUE!	25834.09762
5439000	11/16/2002	0.94	0.94	1.62	9.57	14536	90.6743%	Chloride	--	mg/L	500	28.3	#VALUE!	25790.51239
5439000	12/23/2002	0.94	0.94	1.62	9.57	14536	90.6743%	Chloride	--	mg/L	500	28.3	#VALUE!	25790.51239
5439000	10/2/1985	0.93	0.93	1.62	9.55	14538	90.6868%	Chloride	--	mg/L	500	28.3	#VALUE!	25746.92716
5439000	10/3/1985	0.93	0.93	1.62	9.55	14538	90.6868%	Chloride	--	mg/L	500	28.3	#VALUE!	25746.92716

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/24/1992	0.93	0.93	1.62	9.55	14538	90.6868%	Chloride	--	mg/L	500	28.3	#VALUE!	25746.92716
5439000	8/15/1999	0.93	0.93	1.62	9.55	14538	90.6868%	Chloride	--	mg/L	500	28.3	#VALUE!	25746.92716
5439000	7/26/2001	0.93	0.93	1.62	9.55	14538	90.6868%	Chloride	--	mg/L	500	28.3	#VALUE!	25746.92716
5439000	8/14/2004	0.93	0.93	1.62	9.55	14538	90.6868%	Chloride	--	mg/L	500	28.3	#VALUE!	25746.92716
5439000	11/14/2004	0.93	0.93	1.62	9.55	14538	90.6868%	Chloride	--	mg/L	500	28.3	#VALUE!	25746.92716
5439000	11/8/1988	0.92	0.92	1.62	9.54	14545	90.7305%	Chloride	--	mg/L	500	28.3	#VALUE!	25703.34193
5439000	10/21/1996	0.92	0.92	1.62	9.54	14545	90.7305%	Chloride	--	mg/L	500	28.3	#VALUE!	25703.34193
5439000	1/1/1998	0.92	0.92	1.62	9.54	14545	90.7305%	Chloride	--	mg/L	500	28.3	#VALUE!	25703.34193
5439000	8/25/2001	0.92	0.92	1.62	9.54	14545	90.7305%	Chloride	--	mg/L	500	28.3	#VALUE!	25703.34193
5439000	8/19/2008	0.92	0.92	1.62	9.54	14545	90.7305%	Chloride	--	mg/L	500	28.3	#VALUE!	25703.34193
5439000	8/21/2002	0.91	0.91	1.62	9.52	14550	90.7616%	Chloride	--	mg/L	500	28.3	#VALUE!	25659.7567
5439000	11/16/2004	0.91	0.91	1.62	9.52	14550	90.7616%	Chloride	--	mg/L	500	28.3	#VALUE!	25659.7567
5439000	10/6/2006	0.91	0.91	1.62	9.52	14550	90.7616%	Chloride	--	mg/L	500	28.3	#VALUE!	25659.7567
5439000	7/20/1925	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	7/22/1925	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	11/8/1925	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	12/21/1925	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	9/24/1928	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	10/6/1928	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	10/7/1928	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	10/8/1928	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	10/9/1928	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	9/3/1929	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	9/11/1929	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	10/5/1929	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	10/12/1929	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	8/9/1930	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	8/14/1930	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	8/20/1930	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	8/21/1930	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	8/22/1930	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/10/1930	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	9/11/1930	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	9/12/1930	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	9/13/1930	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	11/27/1930	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	1/4/1931	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	1/5/1931	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	1/6/1931	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	8/26/1931	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	8/27/1931	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	8/29/1931	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	9/11/1931	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	11/22/1932	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	8/6/1933	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	8/7/1933	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	8/16/1933	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	8/18/1933	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	9/3/1933	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	11/10/1997	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	11/24/2002	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	12/31/2005	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	1/7/2006	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	2/25/2006	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	2/26/2006	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	1/20/2013	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	10/19/2013	0.9	0.9	1.62	9.50	14553	90.7804%	Chloride	--	mg/L	500	28.3	#VALUE!	25616.17147
5439000	11/16/1997	0.89	0.89	1.62	9.49	14597	91.0548%	Chloride	--	mg/L	500	28.3	#VALUE!	25572.58624
5439000	9/6/2002	0.89	0.89	1.62	9.49	14597	91.0548%	Chloride	--	mg/L	500	28.3	#VALUE!	25572.58624
5439000	10/13/2002	0.89	0.89	1.62	9.49	14597	91.0548%	Chloride	--	mg/L	500	28.3	#VALUE!	25572.58624
5439000	11/15/2002	0.89	0.89	1.62	9.49	14597	91.0548%	Chloride	--	mg/L	500	28.3	#VALUE!	25572.58624
5439000	10/28/2003	0.89	0.89	1.62	9.49	14597	91.0548%	Chloride	--	mg/L	500	28.3	#VALUE!	25572.58624

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/23/2013	0.89	0.89	1.62	9.49	14597	91.0548%	Chloride	--	mg/L	500	28.3	#VALUE!	25572.58624
5439000	10/16/1997	0.88	0.88	1.62	9.47	14603	91.0923%	Chloride	--	mg/L	500	28.3	#VALUE!	25529.001
5439000	9/12/2003	0.88	0.88	1.62	9.47	14603	91.0923%	Chloride	--	mg/L	500	28.3	#VALUE!	25529.001
5439000	2/27/2006	0.88	0.88	1.62	9.47	14603	91.0923%	Chloride	--	mg/L	500	28.3	#VALUE!	25529.001
5439000	8/19/2012	0.88	0.88	1.62	9.47	14603	91.0923%	Chloride	--	mg/L	500	28.3	#VALUE!	25529.001
5439000	12/26/2012	0.88	0.88	1.62	9.47	14603	91.0923%	Chloride	--	mg/L	500	28.3	#VALUE!	25529.001
5439000	10/6/1984	0.87	0.87	1.62	9.46	14608	91.1234%	Chloride	--	mg/L	500	28.3	#VALUE!	25485.41577
5439000	9/11/1995	0.87	0.87	1.62	9.46	14608	91.1234%	Chloride	--	mg/L	500	28.3	#VALUE!	25485.41577
5439000	7/27/1997	0.87	0.87	1.62	9.46	14608	91.1234%	Chloride	--	mg/L	500	28.3	#VALUE!	25485.41577
5439000	10/17/2002	0.87	0.87	1.62	9.46	14608	91.1234%	Chloride	--	mg/L	500	28.3	#VALUE!	25485.41577
5439000	7/31/2006	0.87	0.87	1.62	9.46	14608	91.1234%	Chloride	--	mg/L	500	28.3	#VALUE!	25485.41577
5439000	9/27/2014	0.87	0.87	1.62	9.46	14608	91.1234%	Chloride	--	mg/L	500	28.3	#VALUE!	25485.41577
5439000	10/13/1984	0.86	0.86	1.62	9.44	14614	91.1609%	Chloride	--	mg/L	500	28.3	#VALUE!	25441.83054
5439000	12/6/1997	0.86	0.86	1.62	9.44	14614	91.1609%	Chloride	--	mg/L	500	28.3	#VALUE!	25441.83054
5439000	9/19/1999	0.86	0.86	1.62	9.44	14614	91.1609%	Chloride	--	mg/L	500	28.3	#VALUE!	25441.83054
5439000	7/27/2001	0.86	0.86	1.62	9.44	14614	91.1609%	Chloride	--	mg/L	500	28.3	#VALUE!	25441.83054
5439000	8/4/2001	0.86	0.86	1.62	9.44	14614	91.1609%	Chloride	--	mg/L	500	28.3	#VALUE!	25441.83054
5439000	9/12/2001	0.86	0.86	1.62	9.44	14614	91.1609%	Chloride	--	mg/L	500	28.3	#VALUE!	25441.83054
5439000	7/24/2002	0.86	0.86	1.62	9.44	14614	91.1609%	Chloride	--	mg/L	500	28.3	#VALUE!	25441.83054
5439000	8/20/2004	0.86	0.86	1.62	9.44	14614	91.1609%	Chloride	--	mg/L	500	28.3	#VALUE!	25441.83054
5439000	9/1/2004	0.86	0.86	1.62	9.44	14614	91.1609%	Chloride	116.00	mg/L	500	28.3	5902.504685	25441.83054
5439000	12/23/2010	0.86	0.86	1.62	9.44	14614	91.1609%	Chloride	--	mg/L	500	28.3	#VALUE!	25441.83054
5439000	8/15/2012	0.86	0.86	1.62	9.44	14614	91.1609%	Chloride	--	mg/L	500	28.3	#VALUE!	25441.83054
5439000	9/25/2012	0.86	0.86	1.62	9.44	14614	91.1609%	Chloride	--	mg/L	500	28.3	#VALUE!	25441.83054
5439000	8/11/1999	0.85	0.85	1.62	9.42	14626	91.2357%	Chloride	--	mg/L	500	28.3	#VALUE!	25398.24531
5439000	8/22/2001	0.85	0.85	1.62	9.42	14626	91.2357%	Chloride	--	mg/L	500	28.3	#VALUE!	25398.24531
5439000	8/8/2002	0.85	0.85	1.62	9.42	14626	91.2357%	Chloride	--	mg/L	500	28.3	#VALUE!	25398.24531
5439000	10/12/2002	0.85	0.85	1.62	9.42	14626	91.2357%	Chloride	--	mg/L	500	28.3	#VALUE!	25398.24531
5439000	8/2/2006	0.85	0.85	1.62	9.42	14626	91.2357%	Chloride	--	mg/L	500	28.3	#VALUE!	25398.24531
5439000	10/16/2006	0.85	0.85	1.62	9.42	14626	91.2357%	Chloride	--	mg/L	500	28.3	#VALUE!	25398.24531
5439000	7/15/2012	0.85	0.85	1.62	9.42	14626	91.2357%	Chloride	--	mg/L	500	28.3	#VALUE!	25398.24531

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/11/2012	0.85	0.85	1.62	9.42	14626	91.2357%	Chloride	--	mg/L	500	28.3	#VALUE!	25398.24531
5439000	1/21/2013	0.85	0.85	1.62	9.42	14626	91.2357%	Chloride	--	mg/L	500	28.3	#VALUE!	25398.24531
5439000	1/24/2013	0.85	0.85	1.62	9.42	14626	91.2357%	Chloride	--	mg/L	500	28.3	#VALUE!	25398.24531
5439000	10/9/1984	0.84	0.84	1.62	9.41	14636	91.2981%	Chloride	--	mg/L	500	28.3	#VALUE!	25354.66008
5439000	9/5/1988	0.84	0.84	1.62	9.41	14636	91.2981%	Chloride	--	mg/L	500	28.3	#VALUE!	25354.66008
5439000	9/1/1995	0.84	0.84	1.62	9.41	14636	91.2981%	Chloride	--	mg/L	500	28.3	#VALUE!	25354.66008
5439000	8/13/1997	0.84	0.84	1.62	9.41	14636	91.2981%	Chloride	--	mg/L	500	28.3	#VALUE!	25354.66008
5439000	8/20/2001	0.84	0.84	1.62	9.41	14636	91.2981%	Chloride	--	mg/L	500	28.3	#VALUE!	25354.66008
5439000	8/26/2001	0.84	0.84	1.62	9.41	14636	91.2981%	Chloride	--	mg/L	500	28.3	#VALUE!	25354.66008
5439000	9/3/2001	0.84	0.84	1.62	9.41	14636	91.2981%	Chloride	--	mg/L	500	28.3	#VALUE!	25354.66008
5439000	11/17/2004	0.84	0.84	1.62	9.41	14636	91.2981%	Chloride	--	mg/L	500	28.3	#VALUE!	25354.66008
5439000	10/14/2006	0.84	0.84	1.62	9.41	14636	91.2981%	Chloride	--	mg/L	500	28.3	#VALUE!	25354.66008
5439000	9/13/2003	0.83	0.83	1.62	9.39	14645	91.3543%	Chloride	--	mg/L	500	28.3	#VALUE!	25311.07485
5439000	2/28/2006	0.83	0.83	1.62	9.39	14645	91.3543%	Chloride	256.00	mg/L	500	28.3	12959.27032	25311.07485
5439000	9/16/2010	0.83	0.83	1.62	9.39	14645	91.3543%	Chloride	--	mg/L	500	28.3	#VALUE!	25311.07485
5439000	9/20/2013	0.83	0.83	1.62	9.39	14645	91.3543%	Chloride	--	mg/L	500	28.3	#VALUE!	25311.07485
5439000	10/24/2013	0.83	0.83	1.62	9.39	14645	91.3543%	Chloride	--	mg/L	500	28.3	#VALUE!	25311.07485
5439000	10/8/1984	0.82	0.82	1.62	9.37	14650	91.3854%	Chloride	--	mg/L	500	28.3	#VALUE!	25267.48961
5439000	10/1/2002	0.82	0.82	1.62	9.37	14650	91.3854%	Chloride	--	mg/L	500	28.3	#VALUE!	25267.48961
5439000	3/11/2003	0.82	0.82	1.62	9.37	14650	91.3854%	Chloride	--	mg/L	500	28.3	#VALUE!	25267.48961
5439000	4/29/2003	0.82	0.82	1.62	9.37	14650	91.3854%	Chloride	--	mg/L	500	28.3	#VALUE!	25267.48961
5439000	10/29/2003	0.82	0.82	1.62	9.37	14650	91.3854%	Chloride	--	mg/L	500	28.3	#VALUE!	25267.48961
5439000	11/14/2012	0.82	0.82	1.62	9.37	14650	91.3854%	Chloride	--	mg/L	500	28.3	#VALUE!	25267.48961
5439000	9/11/2002	0.81	0.81	1.62	9.36	14656	91.4229%	Chloride	--	mg/L	500	28.3	#VALUE!	25223.90438
5439000	10/11/2002	0.81	0.81	1.62	9.36	14656	91.4229%	Chloride	--	mg/L	500	28.3	#VALUE!	25223.90438
5439000	11/1/2003	0.81	0.81	1.62	9.36	14656	91.4229%	Chloride	--	mg/L	500	28.3	#VALUE!	25223.90438
5439000	11/17/2005	0.81	0.81	1.62	9.36	14656	91.4229%	Chloride	--	mg/L	500	28.3	#VALUE!	25223.90438
5439000	10/17/2010	0.81	0.81	1.62	9.36	14656	91.4229%	Chloride	--	mg/L	500	28.3	#VALUE!	25223.90438
5439000	11/29/2013	0.81	0.81	1.62	9.36	14656	91.4229%	Chloride	--	mg/L	500	28.3	#VALUE!	25223.90438
5439000	12/22/1925	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	8/5/1927	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/25/1928	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	9/26/1928	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	9/4/1929	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	9/6/1929	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	10/7/1929	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	7/27/1930	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	8/15/1930	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	1/7/1931	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	1/8/1931	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	3/9/1931	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	7/26/1931	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	7/27/1931	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	8/11/1931	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	8/12/1931	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	9/3/1931	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	8/8/1933	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	8/11/1933	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	8/30/1933	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	9/6/1933	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	9/7/1933	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	9/13/1933	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	10/15/1979	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	7/31/2001	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	8/5/2001	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	7/23/2002	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	11/15/2004	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	1/22/2013	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	1/23/2013	0.8	0.8	1.62	9.34	14662	91.4603%	Chloride	--	mg/L	500	28.3	#VALUE!	25180.31915
5439000	9/26/2003	0.79	0.79	1.62	9.33	14692	91.6474%	Chloride	--	mg/L	500	28.3	#VALUE!	25136.73392
5439000	10/30/2003	0.79	0.79	1.62	9.33	14692	91.6474%	Chloride	--	mg/L	500	28.3	#VALUE!	25136.73392
5439000	9/9/2004	0.79	0.79	1.62	9.33	14692	91.6474%	Chloride	--	mg/L	500	28.3	#VALUE!	25136.73392

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/29/2005	0.79	0.79	1.62	9.33	14692	91.6474%	Chloride	--	mg/L	500	28.3	#VALUE!	25136.73392
5439000	8/15/2005	0.79	0.79	1.62	9.33	14692	91.6474%	Chloride	--	mg/L	500	28.3	#VALUE!	25136.73392
5439000	9/6/1988	0.78	0.78	1.62	9.31	14697	91.6786%	Chloride	--	mg/L	500	28.3	#VALUE!	25093.14869
5439000	9/26/1995	0.78	0.78	1.62	9.31	14697	91.6786%	Chloride	--	mg/L	500	28.3	#VALUE!	25093.14869
5439000	8/31/1999	0.78	0.78	1.62	9.31	14697	91.6786%	Chloride	--	mg/L	500	28.3	#VALUE!	25093.14869
5439000	8/8/2003	0.78	0.78	1.62	9.31	14697	91.6786%	Chloride	--	mg/L	500	28.3	#VALUE!	25093.14869
5439000	10/17/2003	0.78	0.78	1.62	9.31	14697	91.6786%	Chloride	--	mg/L	500	28.3	#VALUE!	25093.14869
5439000	9/14/2010	0.78	0.78	1.62	9.31	14697	91.6786%	Chloride	--	mg/L	500	28.3	#VALUE!	25093.14869
5439000	9/28/2014	0.78	0.78	1.62	9.31	14697	91.6786%	Chloride	--	mg/L	500	28.3	#VALUE!	25093.14869
5439000	10/4/1997	0.77	0.77	1.62	9.29	14704	91.7223%	Chloride	--	mg/L	500	28.3	#VALUE!	25049.56346
5439000	12/25/2002	0.77	0.77	1.62	9.29	14704	91.7223%	Chloride	--	mg/L	500	28.3	#VALUE!	25049.56346
5439000	11/27/2005	0.77	0.77	1.62	9.29	14704	91.7223%	Chloride	--	mg/L	500	28.3	#VALUE!	25049.56346
5439000	12/22/2010	0.77	0.77	1.62	9.29	14704	91.7223%	Chloride	--	mg/L	500	28.3	#VALUE!	25049.56346
5439000	8/23/1992	0.76	0.76	1.62	9.28	14708	91.7472%	Chloride	--	mg/L	500	28.3	#VALUE!	25005.97823
5439000	11/25/2002	0.76	0.76	1.62	9.28	14708	91.7472%	Chloride	--	mg/L	500	28.3	#VALUE!	25005.97823
5439000	12/24/2002	0.76	0.76	1.62	9.28	14708	91.7472%	Chloride	--	mg/L	500	28.3	#VALUE!	25005.97823
5439000	10/31/2003	0.76	0.76	1.62	9.28	14708	91.7472%	Chloride	--	mg/L	500	28.3	#VALUE!	25005.97823
5439000	10/25/2013	0.76	0.76	1.62	9.28	14708	91.7472%	Chloride	--	mg/L	500	28.3	#VALUE!	25005.97823
5439000	7/31/1984	0.75	0.75	1.62	9.26	14713	91.7784%	Chloride	--	mg/L	500	28.3	#VALUE!	24962.39299
5439000	10/14/1988	0.75	0.75	1.62	9.26	14713	91.7784%	Chloride	--	mg/L	500	28.3	#VALUE!	24962.39299
5439000	3/1/2006	0.75	0.75	1.62	9.26	14713	91.7784%	Chloride	--	mg/L	500	28.3	#VALUE!	24962.39299
5439000	3/2/2006	0.75	0.75	1.62	9.26	14713	91.7784%	Chloride	--	mg/L	500	28.3	#VALUE!	24962.39299
5439000	11/30/2013	0.75	0.75	1.62	9.26	14713	91.7784%	Chloride	--	mg/L	500	28.3	#VALUE!	24962.39299
5439000	12/2/2013	0.75	0.75	1.62	9.26	14713	91.7784%	Chloride	--	mg/L	500	28.3	#VALUE!	24962.39299
5439000	8/31/1988	0.74	0.74	1.62	9.25	14719	91.8159%	Chloride	--	mg/L	500	28.3	#VALUE!	24918.80776
5439000	9/15/2004	0.74	0.74	1.62	9.25	14719	91.8159%	Chloride	--	mg/L	500	28.3	#VALUE!	24918.80776
5439000	9/21/2006	0.74	0.74	1.62	9.25	14719	91.8159%	Chloride	--	mg/L	500	28.3	#VALUE!	24918.80776
5439000	10/15/2006	0.74	0.74	1.62	9.25	14719	91.8159%	Chloride	--	mg/L	500	28.3	#VALUE!	24918.80776
5439000	9/13/2012	0.74	0.74	1.62	9.25	14719	91.8159%	Chloride	--	mg/L	500	28.3	#VALUE!	24918.80776
5439000	10/1/2012	0.74	0.74	1.62	9.25	14719	91.8159%	Chloride	--	mg/L	500	28.3	#VALUE!	24918.80776
5439000	8/23/1991	0.73	0.73	1.62	9.23	14725	91.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	24875.22253

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5439000	11/26/1997	0.73	0.73	1.62	9.23	14725	91.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	24875.22253
5439000	9/7/2004	0.73	0.73	1.62	9.23	14725	91.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	24875.22253
5439000	9/17/2004	0.73	0.73	1.62	9.23	14725	91.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	24875.22253
5439000	10/4/2012	0.73	0.73	1.62	9.23	14725	91.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	24875.22253
5439000	10/22/2013	0.73	0.73	1.62	9.23	14725	91.8533%	Chloride	--	mg/L	500	28.3	#VALUE!	24875.22253
5439000	9/5/2001	0.72	0.72	1.62	9.21	14731	91.8907%	Chloride	--	mg/L	500	28.3	#VALUE!	24831.6373
5439000	9/24/2002	0.72	0.72	1.62	9.21	14731	91.8907%	Chloride	--	mg/L	500	28.3	#VALUE!	24831.6373
5439000	8/16/2004	0.72	0.72	1.62	9.21	14731	91.8907%	Chloride	--	mg/L	500	28.3	#VALUE!	24831.6373
5439000	10/30/2012	0.72	0.72	1.62	9.21	14731	91.8907%	Chloride	--	mg/L	500	28.3	#VALUE!	24831.6373
5439000	8/22/1992	0.71	0.71	1.62	9.20	14735	91.9157%	Chloride	--	mg/L	500	28.3	#VALUE!	24788.05207
5439000	10/13/1995	0.71	0.71	1.62	9.20	14735	91.9157%	Chloride	--	mg/L	500	28.3	#VALUE!	24788.05207
5439000	7/17/1925	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	7/18/1925	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	7/19/1925	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	7/23/1925	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	7/24/1925	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	7/31/1925	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	8/1/1925	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	11/7/1925	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	12/23/1925	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	8/19/1927	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	9/8/1927	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	9/16/1927	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	9/22/1927	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	9/27/1928	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	10/10/1928	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	9/7/1929	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	9/17/1929	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	9/21/1929	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	9/22/1929	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	9/23/1929	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/27/1929	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	9/28/1929	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	10/11/1929	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	8/8/1930	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	8/10/1930	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	8/11/1930	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	8/16/1930	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	11/28/1930	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	1/9/1931	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	1/10/1931	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	1/11/1931	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	1/12/1931	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	1/22/1931	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	10/11/1932	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	11/26/1932	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	12/2/1932	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	12/3/1932	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	8/12/1933	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	8/13/1933	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	8/24/1933	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	9/11/1933	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	8/23/1997	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	8/24/1997	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	12/23/1997	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	12/26/2002	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	9/28/2010	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	12/8/2012	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	12/1/2013	0.7	0.7	1.62	9.18	14737	91.9281%	Chloride	--	mg/L	500	28.3	#VALUE!	24744.46684
5439000	9/13/1998	0.69	0.69	1.62	9.16	14785	92.2276%	Chloride	--	mg/L	500	28.3	#VALUE!	24700.8816
5439000	8/16/1999	0.69	0.69	1.62	9.16	14785	92.2276%	Chloride	--	mg/L	500	28.3	#VALUE!	24700.8816
5439000	9/3/2004	0.69	0.69	1.62	9.16	14785	92.2276%	Chloride	--	mg/L	500	28.3	#VALUE!	24700.8816

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/9/2006	0.69	0.69	1.62	9.16	14785	92.2276%	Chloride	--	mg/L	500	28.3	#VALUE!	24700.8816
5439000	9/18/2011	0.69	0.69	1.62	9.16	14785	92.2276%	Chloride	--	mg/L	500	28.3	#VALUE!	24700.8816
5439000	9/19/1988	0.68	0.68	1.62	9.15	14790	92.2587%	Chloride	--	mg/L	500	28.3	#VALUE!	24657.29637
5439000	9/2/1995	0.68	0.68	1.62	9.15	14790	92.2587%	Chloride	--	mg/L	500	28.3	#VALUE!	24657.29637
5439000	12/13/1997	0.68	0.68	1.62	9.15	14790	92.2587%	Chloride	--	mg/L	500	28.3	#VALUE!	24657.29637
5439000	9/20/1999	0.68	0.68	1.62	9.15	14790	92.2587%	Chloride	--	mg/L	500	28.3	#VALUE!	24657.29637
5439000	7/28/2001	0.68	0.68	1.62	9.15	14790	92.2587%	Chloride	--	mg/L	500	28.3	#VALUE!	24657.29637
5439000	10/1/2006	0.68	0.68	1.62	9.15	14790	92.2587%	Chloride	--	mg/L	500	28.3	#VALUE!	24657.29637
5439000	9/11/2012	0.68	0.68	1.62	9.15	14790	92.2587%	Chloride	--	mg/L	500	28.3	#VALUE!	24657.29637
5439000	10/4/1988	0.67	0.67	1.62	9.13	14797	92.3024%	Chloride	--	mg/L	500	28.3	#VALUE!	24613.71114
5439000	11/22/1997	0.67	0.67	1.62	9.13	14797	92.3024%	Chloride	--	mg/L	500	28.3	#VALUE!	24613.71114
5439000	9/12/1999	0.67	0.67	1.62	9.13	14797	92.3024%	Chloride	--	mg/L	500	28.3	#VALUE!	24613.71114
5439000	11/7/2005	0.67	0.67	1.62	9.13	14797	92.3024%	Chloride	--	mg/L	500	28.3	#VALUE!	24613.71114
5439000	10/7/2006	0.67	0.67	1.62	9.13	14797	92.3024%	Chloride	--	mg/L	500	28.3	#VALUE!	24613.71114
5439000	9/17/2010	0.67	0.67	1.62	9.13	14797	92.3024%	Chloride	--	mg/L	500	28.3	#VALUE!	24613.71114
5439000	10/2/2012	0.67	0.67	1.62	9.13	14797	92.3024%	Chloride	--	mg/L	500	28.3	#VALUE!	24613.71114
5439000	7/30/1988	0.66	0.66	1.62	9.12	14804	92.3461%	Chloride	--	mg/L	500	28.3	#VALUE!	24570.12591
5439000	9/3/1999	0.66	0.66	1.62	9.12	14804	92.3461%	Chloride	--	mg/L	500	28.3	#VALUE!	24570.12591
5439000	8/11/2003	0.66	0.66	1.62	9.12	14804	92.3461%	Chloride	--	mg/L	500	28.3	#VALUE!	24570.12591
5439000	8/21/2004	0.66	0.66	1.62	9.12	14804	92.3461%	Chloride	--	mg/L	500	28.3	#VALUE!	24570.12591
5439000	9/2/2004	0.66	0.66	1.62	9.12	14804	92.3461%	Chloride	--	mg/L	500	28.3	#VALUE!	24570.12591
5439000	9/25/2005	0.66	0.66	1.62	9.12	14804	92.3461%	Chloride	--	mg/L	500	28.3	#VALUE!	24570.12591
5439000	7/28/1988	0.65	0.65	1.62	9.10	14810	92.3835%	Chloride	--	mg/L	500	28.3	#VALUE!	24526.54068
5439000	8/21/2001	0.65	0.65	1.62	9.10	14810	92.3835%	Chloride	--	mg/L	500	28.3	#VALUE!	24526.54068
5439000	9/14/2003	0.65	0.65	1.62	9.10	14810	92.3835%	Chloride	--	mg/L	500	28.3	#VALUE!	24526.54068
5439000	7/11/2005	0.65	0.65	1.62	9.10	14810	92.3835%	Chloride	--	mg/L	500	28.3	#VALUE!	24526.54068
5439000	3/3/2006	0.65	0.65	1.62	9.10	14810	92.3835%	Chloride	--	mg/L	500	28.3	#VALUE!	24526.54068
5439000	8/8/2006	0.65	0.65	1.62	9.10	14810	92.3835%	Chloride	--	mg/L	500	28.3	#VALUE!	24526.54068
5439000	12/27/2012	0.65	0.65	1.62	9.10	14810	92.3835%	Chloride	--	mg/L	500	28.3	#VALUE!	24526.54068
5439000	7/3/1988	0.64	0.64	1.62	9.08	14817	92.4272%	Chloride	--	mg/L	500	28.3	#VALUE!	24482.95545
5439000	9/24/1988	0.64	0.64	1.62	9.08	14817	92.4272%	Chloride	--	mg/L	500	28.3	#VALUE!	24482.95545

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/15/1994	0.64	0.64	1.62	9.08	14817	92.4272%	Chloride	--	mg/L	500	28.3	#VALUE!	24482.95545
5439000	11/17/1997	0.64	0.64	1.62	9.08	14817	92.4272%	Chloride	--	mg/L	500	28.3	#VALUE!	24482.95545
5439000	11/26/2002	0.64	0.64	1.62	9.08	14817	92.4272%	Chloride	--	mg/L	500	28.3	#VALUE!	24482.95545
5439000	10/24/2003	0.64	0.64	1.62	9.08	14817	92.4272%	Chloride	--	mg/L	500	28.3	#VALUE!	24482.95545
5439000	11/14/2005	0.64	0.64	1.62	9.08	14817	92.4272%	Chloride	--	mg/L	500	28.3	#VALUE!	24482.95545
5439000	9/27/2010	0.64	0.64	1.62	9.08	14817	92.4272%	Chloride	--	mg/L	500	28.3	#VALUE!	24482.95545
5439000	8/1/1984	0.63	0.63	1.62	9.07	14825	92.4771%	Chloride	--	mg/L	500	28.3	#VALUE!	24439.37022
5439000	8/3/1984	0.63	0.63	1.62	9.07	14825	92.4771%	Chloride	--	mg/L	500	28.3	#VALUE!	24439.37022
5439000	9/22/1988	0.63	0.63	1.62	9.07	14825	92.4771%	Chloride	--	mg/L	500	28.3	#VALUE!	24439.37022
5439000	8/1/2006	0.63	0.63	1.62	9.07	14825	92.4771%	Chloride	--	mg/L	500	28.3	#VALUE!	24439.37022
5439000	10/3/1995	0.62	0.62	1.62	9.05	14829	92.5020%	Chloride	--	mg/L	500	28.3	#VALUE!	24395.78498
5439000	8/11/1997	0.62	0.62	1.62	9.05	14829	92.5020%	Chloride	--	mg/L	500	28.3	#VALUE!	24395.78498
5439000	10/25/1997	0.62	0.62	1.62	9.05	14829	92.5020%	Chloride	--	mg/L	500	28.3	#VALUE!	24395.78498
5439000	7/25/2002	0.62	0.62	1.62	9.05	14829	92.5020%	Chloride	--	mg/L	500	28.3	#VALUE!	24395.78498
5439000	12/15/2002	0.62	0.62	1.62	9.05	14829	92.5020%	Chloride	--	mg/L	500	28.3	#VALUE!	24395.78498
5439000	8/22/2004	0.62	0.62	1.62	9.05	14829	92.5020%	Chloride	--	mg/L	500	28.3	#VALUE!	24395.78498
5439000	8/24/2005	0.62	0.62	1.62	9.05	14829	92.5020%	Chloride	--	mg/L	500	28.3	#VALUE!	24395.78498
5439000	10/8/2006	0.62	0.62	1.62	9.05	14829	92.5020%	Chloride	--	mg/L	500	28.3	#VALUE!	24395.78498
5439000	11/2/2012	0.62	0.62	1.62	9.05	14829	92.5020%	Chloride	--	mg/L	500	28.3	#VALUE!	24395.78498
5439000	12/18/2012	0.62	0.62	1.62	9.05	14829	92.5020%	Chloride	--	mg/L	500	28.3	#VALUE!	24395.78498
5439000	9/3/1995	0.61	0.61	1.62	9.04	14839	92.5644%	Chloride	--	mg/L	500	28.3	#VALUE!	24352.19975
5439000	8/23/2001	0.61	0.61	1.62	9.04	14839	92.5644%	Chloride	--	mg/L	500	28.3	#VALUE!	24352.19975
5439000	9/13/2001	0.61	0.61	1.62	9.04	14839	92.5644%	Chloride	--	mg/L	500	28.3	#VALUE!	24352.19975
5439000	9/29/2006	0.61	0.61	1.62	9.04	14839	92.5644%	Chloride	--	mg/L	500	28.3	#VALUE!	24352.19975
5439000	10/26/2013	0.61	0.61	1.62	9.04	14839	92.5644%	Chloride	--	mg/L	500	28.3	#VALUE!	24352.19975
5439000	1/4/2014	0.61	0.61	1.62	9.04	14839	92.5644%	Chloride	--	mg/L	500	28.3	#VALUE!	24352.19975
5439000	7/25/1925	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	7/26/1925	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	7/27/1925	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/2/1925	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/7/1925	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/8/1925	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/9/1925	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/10/1925	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/11/1925	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/12/1925	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/13/1925	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/14/1925	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	9/14/1925	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	10/2/1925	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	10/26/1925	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	10/30/1925	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	12/24/1925	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/6/1927	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/20/1927	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/21/1927	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	9/23/1927	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	9/28/1928	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	9/29/1928	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	9/30/1928	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	10/6/1929	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	9/14/1930	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/13/1931	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/14/1931	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/19/1931	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	9/4/1931	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	9/6/1931	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	9/8/1931	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	9/12/1931	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	7/20/1932	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/2/1932	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	10/23/1932	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/25/1932	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	11/27/1932	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	11/29/1932	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/19/1933	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/20/1933	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/28/1933	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	9/4/1933	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	9/8/1933	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	9/9/1933	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	9/10/1933	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	9/12/1933	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	7/29/1988	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	9/13/1995	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/14/1997	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/25/1997	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	9/7/1997	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	12/7/1997	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	8/15/2004	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	10/14/2013	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	10/20/2013	0.6	0.6	1.62	9.02	14845	92.6018%	Chloride	--	mg/L	500	28.3	#VALUE!	24308.61452
5439000	10/1/1997	0.59	0.59	1.62	9.00	14901	92.9512%	Chloride	--	mg/L	500	28.3	#VALUE!	24265.02929
5439000	11/23/1997	0.59	0.59	1.62	9.00	14901	92.9512%	Chloride	--	mg/L	500	28.3	#VALUE!	24265.02929
5439000	8/7/2001	0.59	0.59	1.62	9.00	14901	92.9512%	Chloride	--	mg/L	500	28.3	#VALUE!	24265.02929
5439000	7/26/2002	0.59	0.59	1.62	9.00	14901	92.9512%	Chloride	--	mg/L	500	28.3	#VALUE!	24265.02929
5439000	12/8/2010	0.59	0.59	1.62	9.00	14901	92.9512%	Chloride	--	mg/L	500	28.3	#VALUE!	24265.02929
5439000	10/3/2012	0.59	0.59	1.62	9.00	14901	92.9512%	Chloride	--	mg/L	500	28.3	#VALUE!	24265.02929
5439000	9/18/2013	0.59	0.59	1.62	9.00	14901	92.9512%	Chloride	--	mg/L	500	28.3	#VALUE!	24265.02929
5439000	8/16/1984	0.58	0.58	1.62	8.99	14908	92.9948%	Chloride	--	mg/L	500	28.3	#VALUE!	24221.44406
5439000	8/3/1988	0.58	0.58	1.62	8.99	14908	92.9948%	Chloride	--	mg/L	500	28.3	#VALUE!	24221.44406
5439000	9/7/2002	0.58	0.58	1.62	8.99	14908	92.9948%	Chloride	--	mg/L	500	28.3	#VALUE!	24221.44406
5439000	9/10/2002	0.58	0.58	1.62	8.99	14908	92.9948%	Chloride	--	mg/L	500	28.3	#VALUE!	24221.44406

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/10/2002	0.58	0.58	1.62	8.99	14908	92.9948%	Chloride	--	mg/L	500	28.3	#VALUE!	24221.44406
5439000	10/18/2003	0.58	0.58	1.62	8.99	14908	92.9948%	Chloride	--	mg/L	500	28.3	#VALUE!	24221.44406
5439000	7/30/2005	0.58	0.58	1.62	8.99	14908	92.9948%	Chloride	--	mg/L	500	28.3	#VALUE!	24221.44406
5439000	3/5/2006	0.58	0.58	1.62	8.99	14908	92.9948%	Chloride	--	mg/L	500	28.3	#VALUE!	24221.44406
5439000	9/29/2014	0.58	0.58	1.62	8.99	14908	92.9948%	Chloride	--	mg/L	500	28.3	#VALUE!	24221.44406
5439000	11/21/1997	0.57	0.57	1.62	8.97	14917	93.0510%	Chloride	--	mg/L	500	28.3	#VALUE!	24177.85883
5439000	12/14/1997	0.57	0.57	1.62	8.97	14917	93.0510%	Chloride	--	mg/L	500	28.3	#VALUE!	24177.85883
5439000	12/27/2002	0.57	0.57	1.62	8.97	14917	93.0510%	Chloride	--	mg/L	500	28.3	#VALUE!	24177.85883
5439000	10/19/2003	0.57	0.57	1.62	8.97	14917	93.0510%	Chloride	--	mg/L	500	28.3	#VALUE!	24177.85883
5439000	9/26/2005	0.57	0.57	1.62	8.97	14917	93.0510%	Chloride	--	mg/L	500	28.3	#VALUE!	24177.85883
5439000	10/9/2006	0.57	0.57	1.62	8.97	14917	93.0510%	Chloride	--	mg/L	500	28.3	#VALUE!	24177.85883
5439000	9/21/2011	0.57	0.57	1.62	8.97	14917	93.0510%	Chloride	--	mg/L	500	28.3	#VALUE!	24177.85883
5439000	9/17/2013	0.57	0.57	1.62	8.97	14917	93.0510%	Chloride	--	mg/L	500	28.3	#VALUE!	24177.85883
5439000	10/25/1988	0.56	0.56	1.62	8.95	14925	93.1009%	Chloride	--	mg/L	500	28.3	#VALUE!	24134.27359
5439000	11/24/1997	0.56	0.56	1.62	8.95	14925	93.1009%	Chloride	--	mg/L	500	28.3	#VALUE!	24134.27359
5439000	8/24/2001	0.56	0.56	1.62	8.95	14925	93.1009%	Chloride	--	mg/L	500	28.3	#VALUE!	24134.27359
5439000	9/14/2002	0.56	0.56	1.62	8.95	14925	93.1009%	Chloride	--	mg/L	500	28.3	#VALUE!	24134.27359
5439000	8/9/2003	0.56	0.56	1.62	8.95	14925	93.1009%	Chloride	--	mg/L	500	28.3	#VALUE!	24134.27359
5439000	8/22/2003	0.56	0.56	1.62	8.95	14925	93.1009%	Chloride	--	mg/L	500	28.3	#VALUE!	24134.27359
5439000	8/23/2004	0.56	0.56	1.62	8.95	14925	93.1009%	Chloride	--	mg/L	500	28.3	#VALUE!	24134.27359
5439000	8/16/2005	0.56	0.56	1.62	8.95	14925	93.1009%	Chloride	--	mg/L	500	28.3	#VALUE!	24134.27359
5439000	9/7/2011	0.56	0.56	1.62	8.95	14925	93.1009%	Chloride	--	mg/L	500	28.3	#VALUE!	24134.27359
5439000	8/15/2013	0.56	0.56	1.62	8.95	14925	93.1009%	Chloride	--	mg/L	500	28.3	#VALUE!	24134.27359
5439000	10/21/2013	0.56	0.56	1.62	8.95	14925	93.1009%	Chloride	--	mg/L	500	28.3	#VALUE!	24134.27359
5439000	9/27/1995	0.55	0.55	1.62	8.94	14936	93.1695%	Chloride	--	mg/L	500	28.3	#VALUE!	24090.68836
5439000	8/12/1997	0.55	0.55	1.62	8.94	14936	93.1695%	Chloride	--	mg/L	500	28.3	#VALUE!	24090.68836
5439000	11/18/1997	0.55	0.55	1.62	8.94	14936	93.1695%	Chloride	--	mg/L	500	28.3	#VALUE!	24090.68836
5439000	9/11/1998	0.55	0.55	1.62	8.94	14936	93.1695%	Chloride	--	mg/L	500	28.3	#VALUE!	24090.68836
5439000	9/25/2002	0.55	0.55	1.62	8.94	14936	93.1695%	Chloride	283.00	mg/L	500	28.3	13635.32961	24090.68836
5439000	8/20/2012	0.55	0.55	1.62	8.94	14936	93.1695%	Chloride	--	mg/L	500	28.3	#VALUE!	24090.68836
5439000	9/30/2012	0.55	0.55	1.62	8.94	14936	93.1695%	Chloride	--	mg/L	500	28.3	#VALUE!	24090.68836

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/25/2013	0.55	0.55	1.62	8.94	14936	93.1695%	Chloride	--	mg/L	500	28.3	#VALUE!	24090.68836
5439000	12/22/1997	0.54	0.54	1.62	8.92	14944	93.2194%	Chloride	--	mg/L	500	28.3	#VALUE!	24047.10313
5439000	9/8/2002	0.54	0.54	1.62	8.92	14944	93.2194%	Chloride	--	mg/L	500	28.3	#VALUE!	24047.10313
5439000	9/12/2002	0.54	0.54	1.62	8.92	14944	93.2194%	Chloride	--	mg/L	500	28.3	#VALUE!	24047.10313
5439000	11/27/2002	0.54	0.54	1.62	8.92	14944	93.2194%	Chloride	--	mg/L	500	28.3	#VALUE!	24047.10313
5439000	1/8/2006	0.54	0.54	1.62	8.92	14944	93.2194%	Chloride	--	mg/L	500	28.3	#VALUE!	24047.10313
5439000	10/2/2010	0.54	0.54	1.62	8.92	14944	93.2194%	Chloride	--	mg/L	500	28.3	#VALUE!	24047.10313
5439000	12/28/2012	0.54	0.54	1.62	8.92	14944	93.2194%	Chloride	--	mg/L	500	28.3	#VALUE!	24047.10313
5439000	9/16/1994	0.53	0.53	1.62	8.91	14951	93.2631%	Chloride	--	mg/L	500	28.3	#VALUE!	24003.5179
5439000	7/28/1997	0.53	0.53	1.62	8.91	14951	93.2631%	Chloride	--	mg/L	500	28.3	#VALUE!	24003.5179
5439000	9/1/1999	0.53	0.53	1.62	8.91	14951	93.2631%	Chloride	--	mg/L	500	28.3	#VALUE!	24003.5179
5439000	8/27/2001	0.53	0.53	1.62	8.91	14951	93.2631%	Chloride	--	mg/L	500	28.3	#VALUE!	24003.5179
5439000	10/27/2004	0.53	0.53	1.62	8.91	14951	93.2631%	Chloride	--	mg/L	500	28.3	#VALUE!	24003.5179
5439000	10/3/2010	0.53	0.53	1.62	8.91	14951	93.2631%	Chloride	--	mg/L	500	28.3	#VALUE!	24003.5179
5439000	9/21/2013	0.53	0.53	1.62	8.91	14951	93.2631%	Chloride	--	mg/L	500	28.3	#VALUE!	24003.5179
5439000	8/2/1984	0.52	0.52	1.62	8.89	14958	93.3067%	Chloride	--	mg/L	500	28.3	#VALUE!	23959.93267
5439000	7/27/1988	0.52	0.52	1.62	8.89	14958	93.3067%	Chloride	--	mg/L	500	28.3	#VALUE!	23959.93267
5439000	10/22/1988	0.52	0.52	1.62	8.89	14958	93.3067%	Chloride	--	mg/L	500	28.3	#VALUE!	23959.93267
5439000	11/19/1997	0.52	0.52	1.62	8.89	14958	93.3067%	Chloride	--	mg/L	500	28.3	#VALUE!	23959.93267
5439000	9/14/2001	0.52	0.52	1.62	8.89	14958	93.3067%	Chloride	--	mg/L	500	28.3	#VALUE!	23959.93267
5439000	9/16/2001	0.52	0.52	1.62	8.89	14958	93.3067%	Chloride	--	mg/L	500	28.3	#VALUE!	23959.93267
5439000	12/14/2002	0.52	0.52	1.62	8.89	14958	93.3067%	Chloride	--	mg/L	500	28.3	#VALUE!	23959.93267
5439000	9/4/2004	0.52	0.52	1.62	8.89	14958	93.3067%	Chloride	--	mg/L	500	28.3	#VALUE!	23959.93267
5439000	10/14/2004	0.52	0.52	1.62	8.89	14958	93.3067%	Chloride	--	mg/L	500	28.3	#VALUE!	23959.93267
5439000	3/4/2006	0.52	0.52	1.62	8.89	14958	93.3067%	Chloride	--	mg/L	500	28.3	#VALUE!	23959.93267
5439000	9/30/2006	0.52	0.52	1.62	8.89	14958	93.3067%	Chloride	--	mg/L	500	28.3	#VALUE!	23959.93267
5439000	9/30/2014	0.52	0.52	1.62	8.89	14958	93.3067%	Chloride	--	mg/L	500	28.3	#VALUE!	23959.93267
5439000	10/15/1988	0.51	0.51	1.62	8.87	14970	93.3816%	Chloride	--	mg/L	500	28.3	#VALUE!	23916.34744
5439000	10/20/1988	0.51	0.51	1.62	8.87	14970	93.3816%	Chloride	--	mg/L	500	28.3	#VALUE!	23916.34744
5439000	10/18/1997	0.51	0.51	1.62	8.87	14970	93.3816%	Chloride	--	mg/L	500	28.3	#VALUE!	23916.34744
5439000	11/9/1997	0.51	0.51	1.62	8.87	14970	93.3816%	Chloride	--	mg/L	500	28.3	#VALUE!	23916.34744

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/20/1997	0.51	0.51	1.62	8.87	14970	93.3816%	Chloride	--	mg/L	500	28.3	#VALUE!	23916.34744
5439000	12/9/1997	0.51	0.51	1.62	8.87	14970	93.3816%	Chloride	--	mg/L	500	28.3	#VALUE!	23916.34744
5439000	8/10/2003	0.51	0.51	1.62	8.87	14970	93.3816%	Chloride	--	mg/L	500	28.3	#VALUE!	23916.34744
5439000	1/27/2006	0.51	0.51	1.62	8.87	14970	93.3816%	Chloride	--	mg/L	500	28.3	#VALUE!	23916.34744
5439000	12/29/2012	0.51	0.51	1.62	8.87	14970	93.3816%	Chloride	--	mg/L	500	28.3	#VALUE!	23916.34744
5439000	7/28/1925	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	7/29/1925	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	9/11/1925	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	10/25/1925	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	9/9/1927	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	9/11/1927	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	9/17/1927	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	10/1/1928	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	10/11/1928	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	8/5/1930	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	8/23/1930	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	1/13/1931	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	7/28/1931	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	7/29/1931	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	7/30/1931	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	7/31/1931	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	8/1/1931	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	8/2/1931	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	8/3/1931	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	8/4/1931	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	8/8/1931	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	8/15/1931	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	8/16/1931	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	9/10/1931	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	7/21/1932	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	9/1/1932	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/17/1932	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	10/12/1932	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	10/16/1932	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	10/24/1932	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	11/28/1932	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	11/30/1932	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	12/1/1932	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	8/21/1933	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	9/5/1933	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	9/14/1933	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	9/27/1933	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	9/16/1995	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	11/25/1997	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	9/2/1999	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	9/15/2001	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	9/26/2002	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	12/28/2002	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	10/20/2003	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	10/10/2006	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	9/6/2013	0.5	0.5	1.62	8.86	14979	93.4377%	Chloride	--	mg/L	500	28.3	#VALUE!	23872.76221
5439000	11/1/1988	0.49	0.49	1.62	8.84	15025	93.7247%	Chloride	--	mg/L	500	28.3	#VALUE!	23829.17697
5439000	9/12/1995	0.49	0.49	1.62	8.84	15025	93.7247%	Chloride	--	mg/L	500	28.3	#VALUE!	23829.17697
5439000	12/20/1997	0.49	0.49	1.62	8.84	15025	93.7247%	Chloride	--	mg/L	500	28.3	#VALUE!	23829.17697
5439000	7/29/2001	0.49	0.49	1.62	8.84	15025	93.7247%	Chloride	--	mg/L	500	28.3	#VALUE!	23829.17697
5439000	8/20/2002	0.49	0.49	1.62	8.84	15025	93.7247%	Chloride	--	mg/L	500	28.3	#VALUE!	23829.17697
5439000	9/8/2004	0.49	0.49	1.62	8.84	15025	93.7247%	Chloride	--	mg/L	500	28.3	#VALUE!	23829.17697
5439000	9/24/2005	0.49	0.49	1.62	8.84	15025	93.7247%	Chloride	--	mg/L	500	28.3	#VALUE!	23829.17697
5439000	9/27/2005	0.49	0.49	1.62	8.84	15025	93.7247%	Chloride	--	mg/L	500	28.3	#VALUE!	23829.17697
5439000	12/11/2012	0.49	0.49	1.62	8.84	15025	93.7247%	Chloride	--	mg/L	500	28.3	#VALUE!	23829.17697
5439000	8/4/1988	0.48	0.48	1.62	8.82	15034	93.7808%	Chloride	--	mg/L	500	28.3	#VALUE!	23785.59174
5439000	7/29/1997	0.48	0.48	1.62	8.82	15034	93.7808%	Chloride	--	mg/L	500	28.3	#VALUE!	23785.59174

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/15/1997	0.48	0.48	1.62	8.82	15034	93.7808%	Chloride	--	mg/L	500	28.3	#VALUE!	23785.59174
5439000	8/12/2003	0.48	0.48	1.62	8.82	15034	93.7808%	Chloride	--	mg/L	500	28.3	#VALUE!	23785.59174
5439000	7/12/2005	0.48	0.48	1.62	8.82	15034	93.7808%	Chloride	--	mg/L	500	28.3	#VALUE!	23785.59174
5439000	8/19/2006	0.48	0.48	1.62	8.82	15034	93.7808%	Chloride	--	mg/L	500	28.3	#VALUE!	23785.59174
5439000	9/8/2011	0.48	0.48	1.62	8.82	15034	93.7808%	Chloride	--	mg/L	500	28.3	#VALUE!	23785.59174
5439000	12/6/2013	0.48	0.48	1.62	8.82	15034	93.7808%	Chloride	--	mg/L	500	28.3	#VALUE!	23785.59174
5439000	8/18/1992	0.47	0.47	1.62	8.81	15042	93.8307%	Chloride	--	mg/L	500	28.3	#VALUE!	23742.00651
5439000	12/8/1997	0.47	0.47	1.62	8.81	15042	93.8307%	Chloride	--	mg/L	500	28.3	#VALUE!	23742.00651
5439000	12/21/1997	0.47	0.47	1.62	8.81	15042	93.8307%	Chloride	--	mg/L	500	28.3	#VALUE!	23742.00651
5439000	8/9/2002	0.47	0.47	1.62	8.81	15042	93.8307%	Chloride	114.00	mg/L	500	28.3	5413.177484	23742.00651
5439000	12/13/2002	0.47	0.47	1.62	8.81	15042	93.8307%	Chloride	--	mg/L	500	28.3	#VALUE!	23742.00651
5439000	11/18/2005	0.47	0.47	1.62	8.81	15042	93.8307%	Chloride	--	mg/L	500	28.3	#VALUE!	23742.00651
5439000	8/28/2013	0.47	0.47	1.62	8.81	15042	93.8307%	Chloride	--	mg/L	500	28.3	#VALUE!	23742.00651
5439000	12/26/2013	0.47	0.47	1.62	8.81	15042	93.8307%	Chloride	--	mg/L	500	28.3	#VALUE!	23742.00651
5439000	7/26/1988	0.46	0.46	1.62	8.79	15050	93.8806%	Chloride	--	mg/L	500	28.3	#VALUE!	23698.42128
5439000	8/2/1988	0.46	0.46	1.62	8.79	15050	93.8806%	Chloride	--	mg/L	500	28.3	#VALUE!	23698.42128
5439000	11/2/1988	0.46	0.46	1.62	8.79	15050	93.8806%	Chloride	--	mg/L	500	28.3	#VALUE!	23698.42128
5439000	12/16/1997	0.46	0.46	1.62	8.79	15050	93.8806%	Chloride	--	mg/L	500	28.3	#VALUE!	23698.42128
5439000	8/19/1999	0.46	0.46	1.62	8.79	15050	93.8806%	Chloride	--	mg/L	500	28.3	#VALUE!	23698.42128
5439000	3/10/2003	0.46	0.46	1.62	8.79	15050	93.8806%	Chloride	--	mg/L	500	28.3	#VALUE!	23698.42128
5439000	10/23/2003	0.46	0.46	1.62	8.79	15050	93.8806%	Chloride	--	mg/L	500	28.3	#VALUE!	23698.42128
5439000	9/18/2004	0.46	0.46	1.62	8.79	15050	93.8806%	Chloride	--	mg/L	500	28.3	#VALUE!	23698.42128
5439000	8/11/2005	0.46	0.46	1.62	8.79	15050	93.8806%	Chloride	--	mg/L	500	28.3	#VALUE!	23698.42128
5439000	8/11/2006	0.46	0.46	1.62	8.79	15050	93.8806%	Chloride	--	mg/L	500	28.3	#VALUE!	23698.42128
5439000	10/4/2010	0.46	0.46	1.62	8.79	15050	93.8806%	Chloride	--	mg/L	500	28.3	#VALUE!	23698.42128
5439000	7/16/2012	0.46	0.46	1.62	8.79	15050	93.8806%	Chloride	--	mg/L	500	28.3	#VALUE!	23698.42128
5439000	8/16/2013	0.46	0.46	1.62	8.79	15050	93.8806%	Chloride	--	mg/L	500	28.3	#VALUE!	23698.42128
5439000	10/14/1984	0.45	0.45	1.62	8.78	15063	93.9617%	Chloride	--	mg/L	500	28.3	#VALUE!	23654.83605
5439000	7/7/1988	0.45	0.45	1.62	8.78	15063	93.9617%	Chloride	--	mg/L	500	28.3	#VALUE!	23654.83605
5439000	7/16/1988	0.45	0.45	1.62	8.78	15063	93.9617%	Chloride	--	mg/L	500	28.3	#VALUE!	23654.83605
5439000	9/3/1988	0.45	0.45	1.62	8.78	15063	93.9617%	Chloride	--	mg/L	500	28.3	#VALUE!	23654.83605

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/17/1995	0.45	0.45	1.62	8.78	15063	93.9617%	Chloride	--	mg/L	500	28.3	#VALUE!	23654.83605
5439000	12/15/1997	0.45	0.45	1.62	8.78	15063	93.9617%	Chloride	--	mg/L	500	28.3	#VALUE!	23654.83605
5439000	9/14/1999	0.45	0.45	1.62	8.78	15063	93.9617%	Chloride	--	mg/L	500	28.3	#VALUE!	23654.83605
5439000	8/10/2001	0.45	0.45	1.62	8.78	15063	93.9617%	Chloride	--	mg/L	500	28.3	#VALUE!	23654.83605
5439000	8/2/2002	0.45	0.45	1.62	8.78	15063	93.9617%	Chloride	--	mg/L	500	28.3	#VALUE!	23654.83605
5439000	11/28/2002	0.45	0.45	1.62	8.78	15063	93.9617%	Chloride	--	mg/L	500	28.3	#VALUE!	23654.83605
5439000	12/3/2005	0.45	0.45	1.62	8.78	15063	93.9617%	Chloride	--	mg/L	500	28.3	#VALUE!	23654.83605
5439000	8/10/2006	0.45	0.45	1.62	8.78	15063	93.9617%	Chloride	90.50	mg/L	500	28.3	4281.525325	23654.83605
5439000	8/24/2008	0.45	0.45	1.62	8.78	15063	93.9617%	Chloride	--	mg/L	500	28.3	#VALUE!	23654.83605
5439000	7/30/2012	0.45	0.45	1.62	8.78	15063	93.9617%	Chloride	--	mg/L	500	28.3	#VALUE!	23654.83605
5439000	1/3/2013	0.45	0.45	1.62	8.78	15063	93.9617%	Chloride	--	mg/L	500	28.3	#VALUE!	23654.83605
5439000	9/29/2013	0.45	0.45	1.62	8.78	15063	93.9617%	Chloride	--	mg/L	500	28.3	#VALUE!	23654.83605
5439000	10/3/2005	0.44	0.44	1.62	8.76	15079	94.0615%	Chloride	--	mg/L	500	28.3	#VALUE!	23611.25082
5439000	9/10/2011	0.44	0.44	1.62	8.76	15079	94.0615%	Chloride	--	mg/L	500	28.3	#VALUE!	23611.25082
5439000	11/15/2012	0.44	0.44	1.62	8.76	15079	94.0615%	Chloride	--	mg/L	500	28.3	#VALUE!	23611.25082
5439000	7/31/1988	0.43	0.43	1.62	8.74	15082	94.0802%	Chloride	--	mg/L	500	28.3	#VALUE!	23567.66558
5439000	10/19/1988	0.43	0.43	1.62	8.74	15082	94.0802%	Chloride	--	mg/L	500	28.3	#VALUE!	23567.66558
5439000	9/18/1995	0.43	0.43	1.62	8.74	15082	94.0802%	Chloride	--	mg/L	500	28.3	#VALUE!	23567.66558
5439000	9/28/1995	0.43	0.43	1.62	8.74	15082	94.0802%	Chloride	--	mg/L	500	28.3	#VALUE!	23567.66558
5439000	11/11/1997	0.43	0.43	1.62	8.74	15082	94.0802%	Chloride	--	mg/L	500	28.3	#VALUE!	23567.66558
5439000	8/20/1999	0.43	0.43	1.62	8.74	15082	94.0802%	Chloride	--	mg/L	500	28.3	#VALUE!	23567.66558
5439000	12/10/2010	0.43	0.43	1.62	8.74	15082	94.0802%	Chloride	--	mg/L	500	28.3	#VALUE!	23567.66558
5439000	10/27/2013	0.43	0.43	1.62	8.74	15082	94.0802%	Chloride	--	mg/L	500	28.3	#VALUE!	23567.66558
5439000	1/5/2014	0.43	0.43	1.62	8.74	15082	94.0802%	Chloride	--	mg/L	500	28.3	#VALUE!	23567.66558
5439000	9/23/1988	0.42	0.42	1.62	8.73	15091	94.1364%	Chloride	--	mg/L	500	28.3	#VALUE!	23524.08035
5439000	10/12/1995	0.42	0.42	1.62	8.73	15091	94.1364%	Chloride	--	mg/L	500	28.3	#VALUE!	23524.08035
5439000	8/9/2001	0.42	0.42	1.62	8.73	15091	94.1364%	Chloride	--	mg/L	500	28.3	#VALUE!	23524.08035
5439000	12/12/2002	0.42	0.42	1.62	8.73	15091	94.1364%	Chloride	--	mg/L	500	28.3	#VALUE!	23524.08035
5439000	12/29/2002	0.42	0.42	1.62	8.73	15091	94.1364%	Chloride	--	mg/L	500	28.3	#VALUE!	23524.08035
5439000	10/21/2003	0.42	0.42	1.62	8.73	15091	94.1364%	Chloride	--	mg/L	500	28.3	#VALUE!	23524.08035
5439000	7/13/2005	0.42	0.42	1.62	8.73	15091	94.1364%	Chloride	--	mg/L	500	28.3	#VALUE!	23524.08035

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/3/2012	0.42	0.42	1.62	8.73	15091	94.1364%	Chloride	--	mg/L	500	28.3	#VALUE!	23524.08035
5439000	8/21/2012	0.42	0.42	1.62	8.73	15091	94.1364%	Chloride	--	mg/L	500	28.3	#VALUE!	23524.08035
5439000	8/18/2013	0.42	0.42	1.62	8.73	15091	94.1364%	Chloride	--	mg/L	500	28.3	#VALUE!	23524.08035
5439000	10/1/2014	0.42	0.42	1.62	8.73	15091	94.1364%	Chloride	--	mg/L	500	28.3	#VALUE!	23524.08035
5439000	10/28/1988	0.41	0.41	1.62	8.71	15102	94.2050%	Chloride	--	mg/L	500	28.3	#VALUE!	23480.49512
5439000	8/16/1991	0.41	0.41	1.62	8.71	15102	94.2050%	Chloride	--	mg/L	500	28.3	#VALUE!	23480.49512
5439000	9/4/1995	0.41	0.41	1.62	8.71	15102	94.2050%	Chloride	--	mg/L	500	28.3	#VALUE!	23480.49512
5439000	9/15/1995	0.41	0.41	1.62	8.71	15102	94.2050%	Chloride	--	mg/L	500	28.3	#VALUE!	23480.49512
5439000	12/17/1997	0.41	0.41	1.62	8.71	15102	94.2050%	Chloride	--	mg/L	500	28.3	#VALUE!	23480.49512
5439000	12/18/1997	0.41	0.41	1.62	8.71	15102	94.2050%	Chloride	--	mg/L	500	28.3	#VALUE!	23480.49512
5439000	8/8/2001	0.41	0.41	1.62	8.71	15102	94.2050%	Chloride	--	mg/L	500	28.3	#VALUE!	23480.49512
5439000	9/9/2002	0.41	0.41	1.62	8.71	15102	94.2050%	Chloride	--	mg/L	500	28.3	#VALUE!	23480.49512
5439000	9/27/2002	0.41	0.41	1.62	8.71	15102	94.2050%	Chloride	--	mg/L	500	28.3	#VALUE!	23480.49512
5439000	10/8/2004	0.41	0.41	1.62	8.71	15102	94.2050%	Chloride	--	mg/L	500	28.3	#VALUE!	23480.49512
5439000	10/8/2013	0.41	0.41	1.62	8.71	15102	94.2050%	Chloride	--	mg/L	500	28.3	#VALUE!	23480.49512
5439000	7/30/1925	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	8/5/1925	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	8/6/1925	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	9/12/1925	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	9/13/1925	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	9/30/1925	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	10/31/1925	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	11/1/1925	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	11/3/1925	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	11/5/1925	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	12/25/1925	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	9/27/1927	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	10/2/1928	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	10/3/1928	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	10/4/1928	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	8/3/1930	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/4/1930	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	8/12/1930	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	8/13/1930	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	1/14/1931	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	1/15/1931	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	9/9/1931	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	10/7/1931	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	7/22/1932	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	10/13/1932	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	10/14/1932	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	10/15/1932	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	10/17/1932	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	10/18/1932	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	10/19/1932	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	10/20/1932	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	10/21/1932	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	10/22/1932	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	8/22/1933	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	8/23/1933	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	8/25/1933	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	8/26/1933	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	8/27/1933	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	8/29/1933	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	9/26/1933	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	9/28/1933	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	9/16/1988	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	9/5/1995	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	9/18/1997	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	8/28/2001	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	11/13/2005	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	12/30/2005	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/9/2006	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	8/19/2013	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	10/29/2013	0.4	0.4	1.62	8.70	15113	94.2736%	Chloride	--	mg/L	500	28.3	#VALUE!	23436.90989
5439000	10/26/1988	0.39	0.39	1.62	8.68	15163	94.5855%	Chloride	--	mg/L	500	28.3	#VALUE!	23393.32466
5439000	9/17/1994	0.39	0.39	1.62	8.68	15163	94.5855%	Chloride	--	mg/L	500	28.3	#VALUE!	23393.32466
5439000	9/6/1995	0.39	0.39	1.62	8.68	15163	94.5855%	Chloride	--	mg/L	500	28.3	#VALUE!	23393.32466
5439000	10/8/1997	0.39	0.39	1.62	8.68	15163	94.5855%	Chloride	--	mg/L	500	28.3	#VALUE!	23393.32466
5439000	9/13/2002	0.39	0.39	1.62	8.68	15163	94.5855%	Chloride	--	mg/L	500	28.3	#VALUE!	23393.32466
5439000	12/11/2002	0.39	0.39	1.62	8.68	15163	94.5855%	Chloride	--	mg/L	500	28.3	#VALUE!	23393.32466
5439000	9/20/2005	0.39	0.39	1.62	8.68	15163	94.5855%	Chloride	--	mg/L	500	28.3	#VALUE!	23393.32466
5439000	9/29/2010	0.39	0.39	1.62	8.68	15163	94.5855%	Chloride	--	mg/L	500	28.3	#VALUE!	23393.32466
5439000	9/26/2012	0.39	0.39	1.62	8.68	15163	94.5855%	Chloride	--	mg/L	500	28.3	#VALUE!	23393.32466
5439000	10/28/2013	0.39	0.39	1.62	8.68	15163	94.5855%	Chloride	--	mg/L	500	28.3	#VALUE!	23393.32466
5439000	10/4/1995	0.38	0.38	1.62	8.66	15173	94.6479%	Chloride	--	mg/L	500	28.3	#VALUE!	23349.73943
5439000	8/6/1997	0.38	0.38	1.62	8.66	15173	94.6479%	Chloride	--	mg/L	500	28.3	#VALUE!	23349.73943
5439000	12/19/1997	0.38	0.38	1.62	8.66	15173	94.6479%	Chloride	--	mg/L	500	28.3	#VALUE!	23349.73943
5439000	9/12/1998	0.38	0.38	1.62	8.66	15173	94.6479%	Chloride	--	mg/L	500	28.3	#VALUE!	23349.73943
5439000	9/4/1999	0.38	0.38	1.62	8.66	15173	94.6479%	Chloride	--	mg/L	500	28.3	#VALUE!	23349.73943
5439000	9/29/2002	0.38	0.38	1.62	8.66	15173	94.6479%	Chloride	--	mg/L	500	28.3	#VALUE!	23349.73943
5439000	7/31/2005	0.38	0.38	1.62	8.66	15173	94.6479%	Chloride	--	mg/L	500	28.3	#VALUE!	23349.73943
5439000	8/17/2005	0.38	0.38	1.62	8.66	15173	94.6479%	Chloride	--	mg/L	500	28.3	#VALUE!	23349.73943
5439000	10/4/2005	0.38	0.38	1.62	8.66	15173	94.6479%	Chloride	--	mg/L	500	28.3	#VALUE!	23349.73943
5439000	9/18/1994	0.37	0.37	1.62	8.65	15182	94.7040%	Chloride	--	mg/L	500	28.3	#VALUE!	23306.1542
5439000	9/14/1995	0.37	0.37	1.62	8.65	15182	94.7040%	Chloride	--	mg/L	500	28.3	#VALUE!	23306.1542
5439000	9/23/1997	0.37	0.37	1.62	8.65	15182	94.7040%	Chloride	--	mg/L	500	28.3	#VALUE!	23306.1542
5439000	10/2/1997	0.37	0.37	1.62	8.65	15182	94.7040%	Chloride	--	mg/L	500	28.3	#VALUE!	23306.1542
5439000	10/21/1997	0.37	0.37	1.62	8.65	15182	94.7040%	Chloride	--	mg/L	500	28.3	#VALUE!	23306.1542
5439000	8/11/2001	0.37	0.37	1.62	8.65	15182	94.7040%	Chloride	--	mg/L	500	28.3	#VALUE!	23306.1542
5439000	8/31/2001	0.37	0.37	1.62	8.65	15182	94.7040%	Chloride	--	mg/L	500	28.3	#VALUE!	23306.1542
5439000	11/29/2002	0.37	0.37	1.62	8.65	15182	94.7040%	Chloride	--	mg/L	500	28.3	#VALUE!	23306.1542
5439000	12/30/2002	0.37	0.37	1.62	8.65	15182	94.7040%	Chloride	--	mg/L	500	28.3	#VALUE!	23306.1542

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/19/2004	0.37	0.37	1.62	8.65	15182	94.7040%	Chloride	--	mg/L	500	28.3	#VALUE!	23306.1542
5439000	11/19/2005	0.37	0.37	1.62	8.65	15182	94.7040%	Chloride	--	mg/L	500	28.3	#VALUE!	23306.1542
5439000	9/7/2013	0.37	0.37	1.62	8.65	15182	94.7040%	Chloride	--	mg/L	500	28.3	#VALUE!	23306.1542
5439000	1/3/2014	0.37	0.37	1.62	8.65	15182	94.7040%	Chloride	--	mg/L	500	28.3	#VALUE!	23306.1542
5439000	8/27/1997	0.36	0.36	1.62	8.63	15195	94.7851%	Chloride	--	mg/L	500	28.3	#VALUE!	23262.56896
5439000	11/12/1997	0.36	0.36	1.62	8.63	15195	94.7851%	Chloride	--	mg/L	500	28.3	#VALUE!	23262.56896
5439000	9/28/2002	0.36	0.36	1.62	8.63	15195	94.7851%	Chloride	--	mg/L	500	28.3	#VALUE!	23262.56896
5439000	8/9/2006	0.36	0.36	1.62	8.63	15195	94.7851%	Chloride	--	mg/L	500	28.3	#VALUE!	23262.56896
5439000	10/31/2012	0.36	0.36	1.62	8.63	15195	94.7851%	Chloride	--	mg/L	500	28.3	#VALUE!	23262.56896
5439000	7/10/1988	0.35	0.35	1.62	8.61	15200	94.8163%	Chloride	--	mg/L	500	28.3	#VALUE!	23218.98373
5439000	8/30/1988	0.35	0.35	1.62	8.61	15200	94.8163%	Chloride	--	mg/L	500	28.3	#VALUE!	23218.98373
5439000	8/17/1999	0.35	0.35	1.62	8.61	15200	94.8163%	Chloride	--	mg/L	500	28.3	#VALUE!	23218.98373
5439000	8/12/2001	0.35	0.35	1.62	8.61	15200	94.8163%	Chloride	--	mg/L	500	28.3	#VALUE!	23218.98373
5439000	9/30/2002	0.35	0.35	1.62	8.61	15200	94.8163%	Chloride	--	mg/L	500	28.3	#VALUE!	23218.98373
5439000	12/10/2002	0.35	0.35	1.62	8.61	15200	94.8163%	Chloride	--	mg/L	500	28.3	#VALUE!	23218.98373
5439000	10/22/2003	0.35	0.35	1.62	8.61	15200	94.8163%	Chloride	--	mg/L	500	28.3	#VALUE!	23218.98373
5439000	8/30/2006	0.35	0.35	1.62	8.61	15200	94.8163%	Chloride	--	mg/L	500	28.3	#VALUE!	23218.98373
5439000	9/28/2012	0.35	0.35	1.62	8.61	15200	94.8163%	Chloride	--	mg/L	500	28.3	#VALUE!	23218.98373
5439000	9/29/2012	0.35	0.35	1.62	8.61	15200	94.8163%	Chloride	--	mg/L	500	28.3	#VALUE!	23218.98373
5439000	10/16/2013	0.35	0.35	1.62	8.61	15200	94.8163%	Chloride	--	mg/L	500	28.3	#VALUE!	23218.98373
5439000	12/10/2013	0.35	0.35	1.62	8.61	15200	94.8163%	Chloride	--	mg/L	500	28.3	#VALUE!	23218.98373
5439000	7/30/1997	0.34	0.34	1.62	8.60	15212	94.8911%	Chloride	--	mg/L	500	28.3	#VALUE!	23175.3985
5439000	8/10/1997	0.34	0.34	1.62	8.60	15212	94.8911%	Chloride	--	mg/L	500	28.3	#VALUE!	23175.3985
5439000	9/5/1999	0.34	0.34	1.62	8.60	15212	94.8911%	Chloride	--	mg/L	500	28.3	#VALUE!	23175.3985
5439000	10/1/2004	0.34	0.34	1.62	8.60	15212	94.8911%	Chloride	--	mg/L	500	28.3	#VALUE!	23175.3985
5439000	8/28/2008	0.34	0.34	1.62	8.60	15212	94.8911%	Chloride	--	mg/L	500	28.3	#VALUE!	23175.3985
5439000	9/22/2013	0.34	0.34	1.62	8.60	15212	94.8911%	Chloride	--	mg/L	500	28.3	#VALUE!	23175.3985
5439000	10/27/1988	0.33	0.33	1.62	8.58	15218	94.9286%	Chloride	--	mg/L	500	28.3	#VALUE!	23131.81327
5439000	10/29/1988	0.33	0.33	1.62	8.58	15218	94.9286%	Chloride	--	mg/L	500	28.3	#VALUE!	23131.81327
5439000	8/30/1997	0.33	0.33	1.62	8.58	15218	94.9286%	Chloride	--	mg/L	500	28.3	#VALUE!	23131.81327
5439000	8/31/1997	0.33	0.33	1.62	8.58	15218	94.9286%	Chloride	--	mg/L	500	28.3	#VALUE!	23131.81327

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/2/1997	0.33	0.33	1.62	8.58	15218	94.9286%	Chloride	--	mg/L	500	28.3	#VALUE!	23131.81327
5439000	9/24/1997	0.33	0.33	1.62	8.58	15218	94.9286%	Chloride	--	mg/L	500	28.3	#VALUE!	23131.81327
5439000	8/10/2002	0.33	0.33	1.62	8.58	15218	94.9286%	Chloride	--	mg/L	500	28.3	#VALUE!	23131.81327
5439000	9/20/2004	0.33	0.33	1.62	8.58	15218	94.9286%	Chloride	--	mg/L	500	28.3	#VALUE!	23131.81327
5439000	9/11/2011	0.33	0.33	1.62	8.58	15218	94.9286%	Chloride	--	mg/L	500	28.3	#VALUE!	23131.81327
5439000	9/27/2012	0.33	0.33	1.62	8.58	15218	94.9286%	Chloride	--	mg/L	500	28.3	#VALUE!	23131.81327
5439000	11/3/2012	0.33	0.33	1.62	8.58	15218	94.9286%	Chloride	--	mg/L	500	28.3	#VALUE!	23131.81327
5439000	8/7/1997	0.32	0.32	1.62	8.57	15229	94.9972%	Chloride	--	mg/L	500	28.3	#VALUE!	23088.22804
5439000	8/26/1997	0.32	0.32	1.62	8.57	15229	94.9972%	Chloride	--	mg/L	500	28.3	#VALUE!	23088.22804
5439000	10/5/1997	0.32	0.32	1.62	8.57	15229	94.9972%	Chloride	--	mg/L	500	28.3	#VALUE!	23088.22804
5439000	9/21/1999	0.32	0.32	1.62	8.57	15229	94.9972%	Chloride	143.00	mg/L	500	28.3	6603.233219	23088.22804
5439000	8/11/2002	0.32	0.32	1.62	8.57	15229	94.9972%	Chloride	--	mg/L	500	28.3	#VALUE!	23088.22804
5439000	12/31/2002	0.32	0.32	1.62	8.57	15229	94.9972%	Chloride	--	mg/L	500	28.3	#VALUE!	23088.22804
5439000	10/28/2004	0.32	0.32	1.62	8.57	15229	94.9972%	Chloride	--	mg/L	500	28.3	#VALUE!	23088.22804
5439000	7/16/2005	0.32	0.32	1.62	8.57	15229	94.9972%	Chloride	--	mg/L	500	28.3	#VALUE!	23088.22804
5439000	11/8/2005	0.32	0.32	1.62	8.57	15229	94.9972%	Chloride	--	mg/L	500	28.3	#VALUE!	23088.22804
5439000	8/29/2008	0.32	0.32	1.62	8.57	15229	94.9972%	Chloride	--	mg/L	500	28.3	#VALUE!	23088.22804
5439000	12/19/2012	0.32	0.32	1.62	8.57	15229	94.9972%	Chloride	--	mg/L	500	28.3	#VALUE!	23088.22804
5439000	8/17/2013	0.32	0.32	1.62	8.57	15229	94.9972%	Chloride	--	mg/L	500	28.3	#VALUE!	23088.22804
5439000	9/8/2013	0.32	0.32	1.62	8.57	15229	94.9972%	Chloride	--	mg/L	500	28.3	#VALUE!	23088.22804
5439000	9/9/2013	0.32	0.32	1.62	8.57	15229	94.9972%	Chloride	--	mg/L	500	28.3	#VALUE!	23088.22804
5439000	8/20/1992	0.31	0.31	1.62	8.55	15243	95.0845%	Chloride	--	mg/L	500	28.3	#VALUE!	23044.64281
5439000	8/28/1997	0.31	0.31	1.62	8.55	15243	95.0845%	Chloride	--	mg/L	500	28.3	#VALUE!	23044.64281
5439000	9/4/1997	0.31	0.31	1.62	8.55	15243	95.0845%	Chloride	--	mg/L	500	28.3	#VALUE!	23044.64281
5439000	9/15/1997	0.31	0.31	1.62	8.55	15243	95.0845%	Chloride	--	mg/L	500	28.3	#VALUE!	23044.64281
5439000	9/30/1997	0.31	0.31	1.62	8.55	15243	95.0845%	Chloride	--	mg/L	500	28.3	#VALUE!	23044.64281
5439000	10/3/1997	0.31	0.31	1.62	8.55	15243	95.0845%	Chloride	--	mg/L	500	28.3	#VALUE!	23044.64281
5439000	8/15/2001	0.31	0.31	1.62	8.55	15243	95.0845%	Chloride	--	mg/L	500	28.3	#VALUE!	23044.64281
5439000	9/12/2004	0.31	0.31	1.62	8.55	15243	95.0845%	Chloride	--	mg/L	500	28.3	#VALUE!	23044.64281
5439000	8/3/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/4/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/15/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/16/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/19/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/21/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/22/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/23/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/24/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/25/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/26/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/27/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/28/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/29/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/30/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/31/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/1/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/2/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/3/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/4/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/5/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/6/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/7/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/8/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/10/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/15/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/16/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/19/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	10/1/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	10/7/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	10/24/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	11/2/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	11/6/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/26/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	12/27/1925	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/23/1927	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/10/1927	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/12/1927	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/13/1927	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/14/1927	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/19/1927	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/24/1927	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/25/1927	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/12/1929	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	7/28/1930	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/6/1930	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/1/1930	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/15/1930	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	1/16/1931	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	1/17/1931	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	1/18/1931	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	1/19/1931	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	1/20/1931	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	1/21/1931	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/20/1931	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/13/1931	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	7/23/1932	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	7/24/1932	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	7/25/1932	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	7/26/1932	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/13/1932	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/14/1932	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/15/1932	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/27/1932	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/29/1932	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/2/1932	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/3/1932	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/18/1932	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/19/1932	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/20/1932	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	10/5/1932	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/19/1933	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/25/1933	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/29/1933	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	10/16/1933	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	10/22/1933	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	10/23/1933	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	10/24/1933	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	10/26/1933	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	7/11/1988	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	7/22/1988	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/19/1994	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/29/1997	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/29/1997	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	8/29/2001	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	12/9/2002	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/2/2003	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	11/20/2005	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	11/1/2012	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	12/12/2013	0.3	0.3	1.62	8.53	15251	95.1344%	Chloride	--	mg/L	500	28.3	#VALUE!	23001.05757
5439000	9/10/1988	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	9/18/1988	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	10/5/1988	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	8/9/1997	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	9/5/1997	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/27/1997	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	9/28/1997	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	8/13/2001	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	8/30/2001	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	12/8/2002	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	9/15/2003	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	9/28/2003	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	7/14/2005	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	1/10/2006	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	9/9/2011	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	9/12/2012	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	11/16/2012	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	12/30/2012	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	1/9/2013	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	12/27/2013	0.29	0.29	1.62	8.52	15341	95.6958%	Chloride	--	mg/L	500	28.3	#VALUE!	22957.47234
5439000	10/21/1933	0.28	0.28	1.62	8.50	15361	95.8206%	Chloride	--	mg/L	500	28.3	#VALUE!	22913.88711
5439000	9/3/1997	0.28	0.28	1.62	8.50	15361	95.8206%	Chloride	--	mg/L	500	28.3	#VALUE!	22913.88711
5439000	10/22/1997	0.28	0.28	1.62	8.50	15361	95.8206%	Chloride	--	mg/L	500	28.3	#VALUE!	22913.88711
5439000	8/21/1999	0.28	0.28	1.62	8.50	15361	95.8206%	Chloride	--	mg/L	500	28.3	#VALUE!	22913.88711
5439000	8/14/2001	0.28	0.28	1.62	8.50	15361	95.8206%	Chloride	--	mg/L	500	28.3	#VALUE!	22913.88711
5439000	9/1/2001	0.28	0.28	1.62	8.50	15361	95.8206%	Chloride	--	mg/L	500	28.3	#VALUE!	22913.88711
5439000	9/15/2002	0.28	0.28	1.62	8.50	15361	95.8206%	Chloride	--	mg/L	500	28.3	#VALUE!	22913.88711
5439000	11/30/2002	0.28	0.28	1.62	8.50	15361	95.8206%	Chloride	--	mg/L	500	28.3	#VALUE!	22913.88711
5439000	1/1/2003	0.28	0.28	1.62	8.50	15361	95.8206%	Chloride	--	mg/L	500	28.3	#VALUE!	22913.88711
5439000	9/10/2004	0.28	0.28	1.62	8.50	15361	95.8206%	Chloride	--	mg/L	500	28.3	#VALUE!	22913.88711
5439000	9/19/2005	0.28	0.28	1.62	8.50	15361	95.8206%	Chloride	--	mg/L	500	28.3	#VALUE!	22913.88711
5439000	9/12/2011	0.28	0.28	1.62	8.50	15361	95.8206%	Chloride	--	mg/L	500	28.3	#VALUE!	22913.88711
5439000	12/28/2013	0.28	0.28	1.62	8.50	15361	95.8206%	Chloride	--	mg/L	500	28.3	#VALUE!	22913.88711
5439000	10/2/2014	0.28	0.28	1.62	8.50	15361	95.8206%	Chloride	--	mg/L	500	28.3	#VALUE!	22913.88711
5439000	7/9/1988	0.27	0.27	1.62	8.49	15375	95.9079%	Chloride	--	mg/L	500	28.3	#VALUE!	22870.30188
5439000	9/6/1997	0.27	0.27	1.62	8.49	15375	95.9079%	Chloride	--	mg/L	500	28.3	#VALUE!	22870.30188

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/10/1997	0.27	0.27	1.62	8.49	15375	95.9079%	Chloride	--	mg/L	500	28.3	#VALUE!	22870.30188
5439000	9/6/1999	0.27	0.27	1.62	8.49	15375	95.9079%	Chloride	--	mg/L	500	28.3	#VALUE!	22870.30188
5439000	9/2/2001	0.27	0.27	1.62	8.49	15375	95.9079%	Chloride	--	mg/L	500	28.3	#VALUE!	22870.30188
5439000	12/7/2002	0.27	0.27	1.62	8.49	15375	95.9079%	Chloride	--	mg/L	500	28.3	#VALUE!	22870.30188
5439000	9/21/2004	0.27	0.27	1.62	8.49	15375	95.9079%	Chloride	--	mg/L	500	28.3	#VALUE!	22870.30188
5439000	10/9/2004	0.27	0.27	1.62	8.49	15375	95.9079%	Chloride	--	mg/L	500	28.3	#VALUE!	22870.30188
5439000	12/4/2005	0.27	0.27	1.62	8.49	15375	95.9079%	Chloride	--	mg/L	500	28.3	#VALUE!	22870.30188
5439000	8/18/1999	0.26	0.26	1.62	8.47	15384	95.9641%	Chloride	--	mg/L	500	28.3	#VALUE!	22826.71665
5439000	3/9/2003	0.26	0.26	1.62	8.47	15384	95.9641%	Chloride	--	mg/L	500	28.3	#VALUE!	22826.71665
5439000	9/1/2003	0.26	0.26	1.62	8.47	15384	95.9641%	Chloride	--	mg/L	500	28.3	#VALUE!	22826.71665
5439000	7/15/2005	0.26	0.26	1.62	8.47	15384	95.9641%	Chloride	--	mg/L	500	28.3	#VALUE!	22826.71665
5439000	8/12/2006	0.26	0.26	1.62	8.47	15384	95.9641%	Chloride	--	mg/L	500	28.3	#VALUE!	22826.71665
5439000	10/8/2010	0.26	0.26	1.62	8.47	15384	95.9641%	Chloride	--	mg/L	500	28.3	#VALUE!	22826.71665
5439000	8/9/2012	0.26	0.26	1.62	8.47	15384	95.9641%	Chloride	--	mg/L	500	28.3	#VALUE!	22826.71665
5439000	10/5/2012	0.26	0.26	1.62	8.47	15384	95.9641%	Chloride	--	mg/L	500	28.3	#VALUE!	22826.71665
5439000	9/23/2013	0.26	0.26	1.62	8.47	15384	95.9641%	Chloride	--	mg/L	500	28.3	#VALUE!	22826.71665
5439000	10/9/2013	0.26	0.26	1.62	8.47	15384	95.9641%	Chloride	--	mg/L	500	28.3	#VALUE!	22826.71665
5439000	12/29/2013	0.26	0.26	1.62	8.47	15384	95.9641%	Chloride	--	mg/L	500	28.3	#VALUE!	22826.71665
5439000	8/5/1997	0.25	0.25	1.62	8.45	15395	96.0327%	Chloride	--	mg/L	500	28.3	#VALUE!	22783.13142
5439000	10/23/1997	0.25	0.25	1.62	8.45	15395	96.0327%	Chloride	--	mg/L	500	28.3	#VALUE!	22783.13142
5439000	11/13/1997	0.25	0.25	1.62	8.45	15395	96.0327%	Chloride	--	mg/L	500	28.3	#VALUE!	22783.13142
5439000	12/1/2002	0.25	0.25	1.62	8.45	15395	96.0327%	Chloride	--	mg/L	500	28.3	#VALUE!	22783.13142
5439000	1/2/2003	0.25	0.25	1.62	8.45	15395	96.0327%	Chloride	--	mg/L	500	28.3	#VALUE!	22783.13142
5439000	7/17/2005	0.25	0.25	1.62	8.45	15395	96.0327%	Chloride	--	mg/L	500	28.3	#VALUE!	22783.13142
5439000	8/25/2005	0.25	0.25	1.62	8.45	15395	96.0327%	Chloride	--	mg/L	500	28.3	#VALUE!	22783.13142
5439000	9/28/2005	0.25	0.25	1.62	8.45	15395	96.0327%	Chloride	--	mg/L	500	28.3	#VALUE!	22783.13142
5439000	1/11/2006	0.25	0.25	1.62	8.45	15395	96.0327%	Chloride	--	mg/L	500	28.3	#VALUE!	22783.13142
5439000	7/17/2012	0.25	0.25	1.62	8.45	15395	96.0327%	Chloride	--	mg/L	500	28.3	#VALUE!	22783.13142
5439000	8/8/2012	0.25	0.25	1.62	8.45	15395	96.0327%	Chloride	--	mg/L	500	28.3	#VALUE!	22783.13142
5439000	9/30/2013	0.25	0.25	1.62	8.45	15395	96.0327%	Chloride	--	mg/L	500	28.3	#VALUE!	22783.13142
5439000	8/5/1988	0.24	0.24	1.62	8.44	15407	96.1075%	Chloride	--	mg/L	500	28.3	#VALUE!	22739.54619

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/8/1997	0.24	0.24	1.62	8.44	15407	96.1075%	Chloride	--	mg/L	500	28.3	#VALUE!	22739.54619
5439000	9/8/1999	0.24	0.24	1.62	8.44	15407	96.1075%	Chloride	--	mg/L	500	28.3	#VALUE!	22739.54619
5439000	9/16/1999	0.24	0.24	1.62	8.44	15407	96.1075%	Chloride	--	mg/L	500	28.3	#VALUE!	22739.54619
5439000	12/6/2002	0.24	0.24	1.62	8.44	15407	96.1075%	Chloride	--	mg/L	500	28.3	#VALUE!	22739.54619
5439000	8/13/2003	0.24	0.24	1.62	8.44	15407	96.1075%	Chloride	--	mg/L	500	28.3	#VALUE!	22739.54619
5439000	8/23/2003	0.24	0.24	1.62	8.44	15407	96.1075%	Chloride	--	mg/L	500	28.3	#VALUE!	22739.54619
5439000	9/11/2004	0.24	0.24	1.62	8.44	15407	96.1075%	Chloride	--	mg/L	500	28.3	#VALUE!	22739.54619
5439000	9/13/2004	0.24	0.24	1.62	8.44	15407	96.1075%	Chloride	--	mg/L	500	28.3	#VALUE!	22739.54619
5439000	8/1/2005	0.24	0.24	1.62	8.44	15407	96.1075%	Chloride	--	mg/L	500	28.3	#VALUE!	22739.54619
5439000	8/26/2005	0.24	0.24	1.62	8.44	15407	96.1075%	Chloride	--	mg/L	500	28.3	#VALUE!	22739.54619
5439000	11/21/2005	0.24	0.24	1.62	8.44	15407	96.1075%	Chloride	--	mg/L	500	28.3	#VALUE!	22739.54619
5439000	8/20/2006	0.24	0.24	1.62	8.44	15407	96.1075%	Chloride	--	mg/L	500	28.3	#VALUE!	22739.54619
5439000	11/4/2012	0.24	0.24	1.62	8.44	15407	96.1075%	Chloride	--	mg/L	500	28.3	#VALUE!	22739.54619
5439000	1/8/2013	0.24	0.24	1.62	8.44	15407	96.1075%	Chloride	--	mg/L	500	28.3	#VALUE!	22739.54619
5439000	10/15/2013	0.24	0.24	1.62	8.44	15407	96.1075%	Chloride	--	mg/L	500	28.3	#VALUE!	22739.54619
5439000	12/7/2013	0.24	0.24	1.62	8.44	15407	96.1075%	Chloride	--	mg/L	500	28.3	#VALUE!	22739.54619
5439000	7/8/1988	0.23	0.23	1.62	8.42	15424	96.2136%	Chloride	--	mg/L	500	28.3	#VALUE!	22695.96095
5439000	10/10/1988	0.23	0.23	1.62	8.42	15424	96.2136%	Chloride	--	mg/L	500	28.3	#VALUE!	22695.96095
5439000	8/8/1997	0.23	0.23	1.62	8.42	15424	96.2136%	Chloride	--	mg/L	500	28.3	#VALUE!	22695.96095
5439000	9/10/1997	0.23	0.23	1.62	8.42	15424	96.2136%	Chloride	--	mg/L	500	28.3	#VALUE!	22695.96095
5439000	8/22/1999	0.23	0.23	1.62	8.42	15424	96.2136%	Chloride	--	mg/L	500	28.3	#VALUE!	22695.96095
5439000	10/16/2004	0.23	0.23	1.62	8.42	15424	96.2136%	Chloride	--	mg/L	500	28.3	#VALUE!	22695.96095
5439000	1/12/2006	0.23	0.23	1.62	8.42	15424	96.2136%	Chloride	--	mg/L	500	28.3	#VALUE!	22695.96095
5439000	1/26/2006	0.23	0.23	1.62	8.42	15424	96.2136%	Chloride	--	mg/L	500	28.3	#VALUE!	22695.96095
5439000	11/7/2012	0.23	0.23	1.62	8.42	15424	96.2136%	Chloride	--	mg/L	500	28.3	#VALUE!	22695.96095
5439000	12/31/2012	0.23	0.23	1.62	8.42	15424	96.2136%	Chloride	--	mg/L	500	28.3	#VALUE!	22695.96095
5439000	12/30/2013	0.23	0.23	1.62	8.42	15424	96.2136%	Chloride	--	mg/L	500	28.3	#VALUE!	22695.96095
5439000	1/2/2014	0.23	0.23	1.62	8.42	15424	96.2136%	Chloride	--	mg/L	500	28.3	#VALUE!	22695.96095
5439000	10/7/1988	0.22	0.22	1.62	8.40	15436	96.2884%	Chloride	--	mg/L	500	28.3	#VALUE!	22652.37572
5439000	9/9/1997	0.22	0.22	1.62	8.40	15436	96.2884%	Chloride	--	mg/L	500	28.3	#VALUE!	22652.37572
5439000	9/26/1997	0.22	0.22	1.62	8.40	15436	96.2884%	Chloride	--	mg/L	500	28.3	#VALUE!	22652.37572

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/6/1997	0.22	0.22	1.62	8.40	15436	96.2884%	Chloride	--	mg/L	500	28.3	#VALUE!	22652.37572
5439000	9/15/1999	0.22	0.22	1.62	8.40	15436	96.2884%	Chloride	--	mg/L	500	28.3	#VALUE!	22652.37572
5439000	12/2/2002	0.22	0.22	1.62	8.40	15436	96.2884%	Chloride	--	mg/L	500	28.3	#VALUE!	22652.37572
5439000	12/5/2002	0.22	0.22	1.62	8.40	15436	96.2884%	Chloride	--	mg/L	500	28.3	#VALUE!	22652.37572
5439000	10/5/2005	0.22	0.22	1.62	8.40	15436	96.2884%	Chloride	--	mg/L	500	28.3	#VALUE!	22652.37572
5439000	1/13/2006	0.22	0.22	1.62	8.40	15436	96.2884%	Chloride	--	mg/L	500	28.3	#VALUE!	22652.37572
5439000	1/25/2006	0.22	0.22	1.62	8.40	15436	96.2884%	Chloride	--	mg/L	500	28.3	#VALUE!	22652.37572
5439000	12/9/2010	0.22	0.22	1.62	8.40	15436	96.2884%	Chloride	--	mg/L	500	28.3	#VALUE!	22652.37572
5439000	9/7/1988	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	9/9/1988	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	9/11/1988	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	10/13/1988	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	10/31/1988	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	9/11/1997	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	9/14/1997	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	11/14/1997	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	9/7/1999	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	12/3/2002	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	12/4/2002	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	1/3/2003	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	10/12/2003	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	10/2/2004	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	11/10/2005	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	12/5/2005	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	1/14/2006	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	1/15/2006	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	1/16/2006	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	1/23/2006	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	1/24/2006	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	10/8/2012	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049
5439000	12/12/2012	0.21	0.21	1.62	8.39	15447	96.3571%	Chloride	--	mg/L	500	28.3	#VALUE!	22608.79049

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/17/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/18/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/20/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/9/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/17/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/18/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/20/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/21/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/22/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/23/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/24/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/25/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/26/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/27/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/6/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/8/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/9/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/10/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/17/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/18/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/21/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/22/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/23/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/27/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/28/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/29/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	12/28/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	12/29/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	12/30/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	12/31/1925	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	1/1/1926	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/2/1926	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/22/1927	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/24/1927	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/25/1927	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/26/1927	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/27/1927	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/28/1927	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/29/1927	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/30/1927	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/31/1927	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/1/1927	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/2/1927	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/3/1927	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/4/1927	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/5/1927	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/20/1927	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/13/1929	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/14/1929	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/16/1930	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/31/1931	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/14/1931	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	7/27/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	7/28/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	7/29/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/3/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/4/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/5/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/7/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/9/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/11/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/12/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/16/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/23/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/24/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/26/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	8/30/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/4/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/21/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/22/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/23/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/6/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/7/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/9/1932	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/15/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/16/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/17/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/18/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/20/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/21/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/22/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/23/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/24/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/30/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/1/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/2/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/3/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/4/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/5/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/6/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/7/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/8/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/9/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/10/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/11/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/12/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/13/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/14/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/15/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/17/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/18/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/19/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/20/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/25/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/27/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/28/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/29/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/30/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/31/1933	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	9/1/1997	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	10/7/1997	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	1/17/2006	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	1/18/2006	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	270.00	mg/L	500	28.3	12185.21084	22565.20526
5439000	10/7/2012	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	11/17/2012	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	1/1/2013	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	12/13/2013	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	12/31/2013	0.2	0.2	1.62	8.37	15470	96.5005%	Chloride	--	mg/L	500	28.3	#VALUE!	22565.20526
5439000	7/23/1988	0.19	0.19	1.62	8.36	15588	97.2366%	Chloride	--	mg/L	500	28.3	#VALUE!	22521.62003
5439000	10/16/1988	0.19	0.19	1.62	8.36	15588	97.2366%	Chloride	--	mg/L	500	28.3	#VALUE!	22521.62003
5439000	8/4/1997	0.19	0.19	1.62	8.36	15588	97.2366%	Chloride	--	mg/L	500	28.3	#VALUE!	22521.62003
5439000	9/12/1997	0.19	0.19	1.62	8.36	15588	97.2366%	Chloride	--	mg/L	500	28.3	#VALUE!	22521.62003
5439000	9/19/1997	0.19	0.19	1.62	8.36	15588	97.2366%	Chloride	--	mg/L	500	28.3	#VALUE!	22521.62003
5439000	1/4/2003	0.19	0.19	1.62	8.36	15588	97.2366%	Chloride	--	mg/L	500	28.3	#VALUE!	22521.62003

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/16/2003	0.19	0.19	1.62	8.36	15588	97.2366%	Chloride	--	mg/L	500	28.3	#VALUE!	22521.62003
5439000	9/22/2003	0.19	0.19	1.62	8.36	15588	97.2366%	Chloride	--	mg/L	500	28.3	#VALUE!	22521.62003
5439000	7/18/2005	0.19	0.19	1.62	8.36	15588	97.2366%	Chloride	--	mg/L	500	28.3	#VALUE!	22521.62003
5439000	11/26/2005	0.19	0.19	1.62	8.36	15588	97.2366%	Chloride	--	mg/L	500	28.3	#VALUE!	22521.62003
5439000	1/19/2006	0.19	0.19	1.62	8.36	15588	97.2366%	Chloride	--	mg/L	500	28.3	#VALUE!	22521.62003
5439000	1/20/2006	0.19	0.19	1.62	8.36	15588	97.2366%	Chloride	--	mg/L	500	28.3	#VALUE!	22521.62003
5439000	1/21/2006	0.19	0.19	1.62	8.36	15588	97.2366%	Chloride	--	mg/L	500	28.3	#VALUE!	22521.62003
5439000	1/22/2006	0.19	0.19	1.62	8.36	15588	97.2366%	Chloride	--	mg/L	500	28.3	#VALUE!	22521.62003
5439000	8/18/2006	0.19	0.19	1.62	8.36	15588	97.2366%	Chloride	--	mg/L	500	28.3	#VALUE!	22521.62003
5439000	10/6/2012	0.19	0.19	1.62	8.36	15588	97.2366%	Chloride	--	mg/L	500	28.3	#VALUE!	22521.62003
5439000	11/8/2012	0.19	0.19	1.62	8.36	15588	97.2366%	Chloride	--	mg/L	500	28.3	#VALUE!	22521.62003
5439000	1/1/2014	0.19	0.19	1.62	8.36	15588	97.2366%	Chloride	--	mg/L	500	28.3	#VALUE!	22521.62003
5439000	9/8/1988	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	9/14/1988	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	9/17/1988	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	10/6/1988	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	10/8/1988	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	10/9/1988	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	10/11/1988	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	9/13/1997	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	9/17/1999	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	1/5/2003	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	9/29/2003	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	10/17/2004	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	10/2/2005	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	11/12/2005	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	8/13/2006	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	11/9/2012	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	1/7/2013	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	9/24/2013	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	12/9/2013	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/11/2013	0.18	0.18	1.62	8.34	15606	97.3489%	Chloride	--	mg/L	500	28.3	#VALUE!	22478.0348
5439000	7/31/1997	0.17	0.17	1.62	8.32	15626	97.4736%	Chloride	--	mg/L	500	28.3	#VALUE!	22434.44957
5439000	8/3/1997	0.17	0.17	1.62	8.32	15626	97.4736%	Chloride	--	mg/L	500	28.3	#VALUE!	22434.44957
5439000	8/3/2002	0.17	0.17	1.62	8.32	15626	97.4736%	Chloride	--	mg/L	500	28.3	#VALUE!	22434.44957
5439000	8/15/2003	0.17	0.17	1.62	8.32	15626	97.4736%	Chloride	--	mg/L	500	28.3	#VALUE!	22434.44957
5439000	8/17/2003	0.17	0.17	1.62	8.32	15626	97.4736%	Chloride	--	mg/L	500	28.3	#VALUE!	22434.44957
5439000	9/14/2004	0.17	0.17	1.62	8.32	15626	97.4736%	Chloride	--	mg/L	500	28.3	#VALUE!	22434.44957
5439000	9/22/2004	0.17	0.17	1.62	8.32	15626	97.4736%	Chloride	--	mg/L	500	28.3	#VALUE!	22434.44957
5439000	11/22/2005	0.17	0.17	1.62	8.32	15626	97.4736%	Chloride	--	mg/L	500	28.3	#VALUE!	22434.44957
5439000	12/6/2005	0.17	0.17	1.62	8.32	15626	97.4736%	Chloride	--	mg/L	500	28.3	#VALUE!	22434.44957
5439000	8/30/2008	0.17	0.17	1.62	8.32	15626	97.4736%	Chloride	--	mg/L	500	28.3	#VALUE!	22434.44957
5439000	9/30/2010	0.17	0.17	1.62	8.32	15626	97.4736%	Chloride	--	mg/L	500	28.3	#VALUE!	22434.44957
5439000	10/19/2010	0.17	0.17	1.62	8.32	15626	97.4736%	Chloride	--	mg/L	500	28.3	#VALUE!	22434.44957
5439000	11/6/2012	0.17	0.17	1.62	8.32	15626	97.4736%	Chloride	--	mg/L	500	28.3	#VALUE!	22434.44957
5439000	1/6/2014	0.17	0.17	1.62	8.32	15626	97.4736%	Chloride	--	mg/L	500	28.3	#VALUE!	22434.44957
5439000	8/5/1931	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	8/6/1931	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	8/7/1931	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	8/17/1931	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	8/18/1931	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	8/21/1931	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	8/22/1931	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	9/22/1931	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	10/10/1931	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	7/24/1988	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	9/22/1997	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	10/11/1997	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	9/18/1999	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	1/6/2003	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	8/14/2003	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	9/16/2005	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/25/2005	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	12/10/2005	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	11/18/2012	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	11/22/2012	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	10/10/2013	0.16	0.16	1.62	8.31	15640	97.5610%	Chloride	--	mg/L	500	28.3	#VALUE!	22390.86433
5439000	8/1/1997	0.15	0.15	1.62	8.29	15661	97.6920%	Chloride	--	mg/L	500	28.3	#VALUE!	22347.2791
5439000	9/21/1997	0.15	0.15	1.62	8.29	15661	97.6920%	Chloride	--	mg/L	500	28.3	#VALUE!	22347.2791
5439000	9/25/1997	0.15	0.15	1.62	8.29	15661	97.6920%	Chloride	--	mg/L	500	28.3	#VALUE!	22347.2791
5439000	9/28/2004	0.15	0.15	1.62	8.29	15661	97.6920%	Chloride	124.00	mg/L	500	28.3	5542.125217	22347.2791
5439000	10/15/2004	0.15	0.15	1.62	8.29	15661	97.6920%	Chloride	--	mg/L	500	28.3	#VALUE!	22347.2791
5439000	11/5/2005	0.15	0.15	1.62	8.29	15661	97.6920%	Chloride	--	mg/L	500	28.3	#VALUE!	22347.2791
5439000	11/23/2005	0.15	0.15	1.62	8.29	15661	97.6920%	Chloride	--	mg/L	500	28.3	#VALUE!	22347.2791
5439000	12/7/2005	0.15	0.15	1.62	8.29	15661	97.6920%	Chloride	--	mg/L	500	28.3	#VALUE!	22347.2791
5439000	12/11/2005	0.15	0.15	1.62	8.29	15661	97.6920%	Chloride	--	mg/L	500	28.3	#VALUE!	22347.2791
5439000	12/12/2005	0.15	0.15	1.62	8.29	15661	97.6920%	Chloride	--	mg/L	500	28.3	#VALUE!	22347.2791
5439000	12/13/2005	0.15	0.15	1.62	8.29	15661	97.6920%	Chloride	--	mg/L	500	28.3	#VALUE!	22347.2791
5439000	11/5/2012	0.15	0.15	1.62	8.29	15661	97.6920%	Chloride	--	mg/L	500	28.3	#VALUE!	22347.2791
5439000	11/10/2012	0.15	0.15	1.62	8.29	15661	97.6920%	Chloride	--	mg/L	500	28.3	#VALUE!	22347.2791
5439000	1/6/2013	0.15	0.15	1.62	8.29	15661	97.6920%	Chloride	--	mg/L	500	28.3	#VALUE!	22347.2791
5439000	8/29/2013	0.15	0.15	1.62	8.29	15661	97.6920%	Chloride	--	mg/L	500	28.3	#VALUE!	22347.2791
5439000	7/17/1988	0.14	0.14	1.62	8.28	15676	97.7855%	Chloride	--	mg/L	500	28.3	#VALUE!	22303.69387
5439000	8/2/1997	0.14	0.14	1.62	8.28	15676	97.7855%	Chloride	--	mg/L	500	28.3	#VALUE!	22303.69387
5439000	9/20/1997	0.14	0.14	1.62	8.28	15676	97.7855%	Chloride	--	mg/L	500	28.3	#VALUE!	22303.69387
5439000	9/22/1999	0.14	0.14	1.62	8.28	15676	97.7855%	Chloride	--	mg/L	500	28.3	#VALUE!	22303.69387
5439000	1/7/2003	0.14	0.14	1.62	8.28	15676	97.7855%	Chloride	--	mg/L	500	28.3	#VALUE!	22303.69387
5439000	9/3/2003	0.14	0.14	1.62	8.28	15676	97.7855%	Chloride	--	mg/L	500	28.3	#VALUE!	22303.69387
5439000	9/30/2003	0.14	0.14	1.62	8.28	15676	97.7855%	Chloride	--	mg/L	500	28.3	#VALUE!	22303.69387
5439000	9/21/2005	0.14	0.14	1.62	8.28	15676	97.7855%	Chloride	--	mg/L	500	28.3	#VALUE!	22303.69387
5439000	10/23/2005	0.14	0.14	1.62	8.28	15676	97.7855%	Chloride	--	mg/L	500	28.3	#VALUE!	22303.69387
5439000	12/8/2005	0.14	0.14	1.62	8.28	15676	97.7855%	Chloride	--	mg/L	500	28.3	#VALUE!	22303.69387
5439000	12/9/2005	0.14	0.14	1.62	8.28	15676	97.7855%	Chloride	--	mg/L	500	28.3	#VALUE!	22303.69387

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/14/2005	0.14	0.14	1.62	8.28	15676	97.7855%	Chloride	--	mg/L	500	28.3	#VALUE!	22303.69387
5439000	12/15/2005	0.14	0.14	1.62	8.28	15676	97.7855%	Chloride	--	mg/L	500	28.3	#VALUE!	22303.69387
5439000	10/14/2010	0.14	0.14	1.62	8.28	15676	97.7855%	Chloride	--	mg/L	500	28.3	#VALUE!	22303.69387
5439000	9/15/1931	0.13	0.13	1.62	8.26	15690	97.8729%	Chloride	--	mg/L	500	28.3	#VALUE!	22260.10864
5439000	9/19/1931	0.13	0.13	1.62	8.26	15690	97.8729%	Chloride	--	mg/L	500	28.3	#VALUE!	22260.10864
5439000	9/20/1931	0.13	0.13	1.62	8.26	15690	97.8729%	Chloride	--	mg/L	500	28.3	#VALUE!	22260.10864
5439000	9/23/1931	0.13	0.13	1.62	8.26	15690	97.8729%	Chloride	--	mg/L	500	28.3	#VALUE!	22260.10864
5439000	9/26/1931	0.13	0.13	1.62	8.26	15690	97.8729%	Chloride	--	mg/L	500	28.3	#VALUE!	22260.10864
5439000	8/19/1992	0.13	0.13	1.62	8.26	15690	97.8729%	Chloride	--	mg/L	500	28.3	#VALUE!	22260.10864
5439000	9/9/1999	0.13	0.13	1.62	8.26	15690	97.8729%	Chloride	--	mg/L	500	28.3	#VALUE!	22260.10864
5439000	12/16/2005	0.13	0.13	1.62	8.26	15690	97.8729%	Chloride	--	mg/L	500	28.3	#VALUE!	22260.10864
5439000	12/29/2005	0.13	0.13	1.62	8.26	15690	97.8729%	Chloride	--	mg/L	500	28.3	#VALUE!	22260.10864
5439000	11/19/2012	0.13	0.13	1.62	8.26	15690	97.8729%	Chloride	397.00	mg/L	500	28.3	17674.52626	22260.10864
5439000	11/23/2012	0.13	0.13	1.62	8.26	15690	97.8729%	Chloride	--	mg/L	500	28.3	#VALUE!	22260.10864
5439000	12/8/2013	0.13	0.13	1.62	8.26	15690	97.8729%	Chloride	--	mg/L	500	28.3	#VALUE!	22260.10864
5439000	12/14/2013	0.13	0.13	1.62	8.26	15690	97.8729%	Chloride	--	mg/L	500	28.3	#VALUE!	22260.10864
5439000	8/29/1988	0.12	0.12	1.62	8.24	15703	97.9540%	Chloride	--	mg/L	500	28.3	#VALUE!	22216.52341
5439000	1/8/2003	0.12	0.12	1.62	8.24	15703	97.9540%	Chloride	--	mg/L	500	28.3	#VALUE!	22216.52341
5439000	10/4/2004	0.12	0.12	1.62	8.24	15703	97.9540%	Chloride	--	mg/L	500	28.3	#VALUE!	22216.52341
5439000	10/18/2004	0.12	0.12	1.62	8.24	15703	97.9540%	Chloride	--	mg/L	500	28.3	#VALUE!	22216.52341
5439000	12/17/2005	0.12	0.12	1.62	8.24	15703	97.9540%	Chloride	--	mg/L	500	28.3	#VALUE!	22216.52341
5439000	12/18/2005	0.12	0.12	1.62	8.24	15703	97.9540%	Chloride	--	mg/L	500	28.3	#VALUE!	22216.52341
5439000	10/1/2010	0.12	0.12	1.62	8.24	15703	97.9540%	Chloride	--	mg/L	500	28.3	#VALUE!	22216.52341
5439000	10/11/2010	0.12	0.12	1.62	8.24	15703	97.9540%	Chloride	--	mg/L	500	28.3	#VALUE!	22216.52341
5439000	10/18/2010	0.12	0.12	1.62	8.24	15703	97.9540%	Chloride	--	mg/L	500	28.3	#VALUE!	22216.52341
5439000	11/24/2012	0.12	0.12	1.62	8.24	15703	97.9540%	Chloride	--	mg/L	500	28.3	#VALUE!	22216.52341
5439000	9/10/2013	0.12	0.12	1.62	8.24	15703	97.9540%	Chloride	--	mg/L	500	28.3	#VALUE!	22216.52341
5439000	10/11/2013	0.12	0.12	1.62	8.24	15703	97.9540%	Chloride	--	mg/L	500	28.3	#VALUE!	22216.52341
5439000	12/15/2013	0.12	0.12	1.62	8.24	15703	97.9540%	Chloride	--	mg/L	500	28.3	#VALUE!	22216.52341
5439000	9/25/1988	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	10/30/1988	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/12/1997	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	8/21/2003	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	9/16/2003	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	9/23/2004	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	9/29/2004	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	10/3/2004	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	8/2/2005	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	8/27/2005	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	12/19/2005	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	12/20/2005	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	12/21/2005	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	12/22/2005	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	12/23/2005	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	12/24/2005	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	12/25/2005	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	12/26/2005	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	12/27/2005	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	12/28/2005	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	10/5/2010	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	11/20/2012	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	11/25/2012	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	12/13/2012	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	1/2/2013	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	9/27/2013	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	12/16/2013	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	12/19/2013	0.11	0.11	1.62	8.23	15716	98.0351%	Chloride	--	mg/L	500	28.3	#VALUE!	22172.93818
5439000	9/28/1925	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/29/1925	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	10/3/1925	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	10/4/1925	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	10/5/1925	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/11/1925	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	10/12/1925	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	10/13/1925	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	10/14/1925	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	10/15/1925	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	10/16/1925	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	10/19/1925	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	10/20/1925	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/15/1929	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	8/7/1930	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	8/24/1930	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/17/1930	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	8/23/1931	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/5/1931	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/17/1931	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	8/1/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	8/6/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	8/8/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	8/10/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	8/17/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	8/18/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	8/19/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	8/20/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	8/21/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	8/22/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	8/25/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/5/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/6/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/7/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/8/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/9/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/24/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/25/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/26/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/27/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/29/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	10/3/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	10/8/1932	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	8/1/1988	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/13/1988	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	10/12/1988	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/29/1995	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	1/9/2003	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	8/24/2003	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	10/3/2003	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	10/13/2003	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	10/5/2004	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	11/24/2005	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	8/31/2006	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/22/2011	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	8/10/2012	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	11/21/2012	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/12/2013	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/25/2013	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/26/2013	0.1	0.1	1.62	8.21	15744	98.2097%	Chloride	--	mg/L	500	28.3	#VALUE!	22129.35294
5439000	9/10/1932	0.09	0.09	1.62	8.19	15804	98.5840%	Chloride	--	mg/L	500	28.3	#VALUE!	22085.76771
5439000	9/11/1932	0.09	0.09	1.62	8.19	15804	98.5840%	Chloride	--	mg/L	500	28.3	#VALUE!	22085.76771
5439000	9/28/1932	0.09	0.09	1.62	8.19	15804	98.5840%	Chloride	--	mg/L	500	28.3	#VALUE!	22085.76771
5439000	9/30/1932	0.09	0.09	1.62	8.19	15804	98.5840%	Chloride	--	mg/L	500	28.3	#VALUE!	22085.76771
5439000	7/12/1988	0.09	0.09	1.62	8.19	15804	98.5840%	Chloride	--	mg/L	500	28.3	#VALUE!	22085.76771
5439000	3/8/2003	0.09	0.09	1.62	8.19	15804	98.5840%	Chloride	--	mg/L	500	28.3	#VALUE!	22085.76771
5439000	8/18/2003	0.09	0.09	1.62	8.19	15804	98.5840%	Chloride	--	mg/L	500	28.3	#VALUE!	22085.76771

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/20/2003	0.09	0.09	1.62	8.19	15804	98.5840%	Chloride	--	mg/L	500	28.3	#VALUE!	22085.76771
5439000	10/1/2003	0.09	0.09	1.62	8.19	15804	98.5840%	Chloride	--	mg/L	500	28.3	#VALUE!	22085.76771
5439000	8/31/2008	0.09	0.09	1.62	8.19	15804	98.5840%	Chloride	--	mg/L	500	28.3	#VALUE!	22085.76771
5439000	1/4/2013	0.09	0.09	1.62	8.19	15804	98.5840%	Chloride	--	mg/L	500	28.3	#VALUE!	22085.76771
5439000	9/28/2013	0.09	0.09	1.62	8.19	15804	98.5840%	Chloride	--	mg/L	500	28.3	#VALUE!	22085.76771
5439000	12/17/2013	0.09	0.09	1.62	8.19	15804	98.5840%	Chloride	--	mg/L	500	28.3	#VALUE!	22085.76771
5439000	12/18/2013	0.09	0.09	1.62	8.19	15804	98.5840%	Chloride	--	mg/L	500	28.3	#VALUE!	22085.76771
5439000	8/25/1930	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	8/24/1931	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	8/25/1931	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	9/18/1931	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	9/21/1931	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	9/24/1931	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	7/30/1932	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	10/1/1932	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	10/2/1932	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	7/13/1988	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	9/15/1988	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	9/30/1988	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	9/20/1994	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	1/10/2003	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	8/19/2003	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	8/31/2003	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	10/4/2003	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	10/19/2004	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	7/19/2005	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	9/29/2005	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	10/9/2010	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	10/16/2010	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	10/22/2010	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	8/22/2012	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/29/2012	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	12/4/2012	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	12/14/2012	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	1/5/2013	0.08	0.08	1.62	8.18	15818	98.6713%	Chloride	--	mg/L	500	28.3	#VALUE!	22042.18248
5439000	10/8/1931	0.07	0.07	1.62	8.16	15846	98.8460%	Chloride	--	mg/L	500	28.3	#VALUE!	21998.59725
5439000	7/14/1988	0.07	0.07	1.62	8.16	15846	98.8460%	Chloride	--	mg/L	500	28.3	#VALUE!	21998.59725
5439000	9/10/1999	0.07	0.07	1.62	8.16	15846	98.8460%	Chloride	--	mg/L	500	28.3	#VALUE!	21998.59725
5439000	1/11/2003	0.07	0.07	1.62	8.16	15846	98.8460%	Chloride	--	mg/L	500	28.3	#VALUE!	21998.59725
5439000	10/5/2003	0.07	0.07	1.62	8.16	15846	98.8460%	Chloride	--	mg/L	500	28.3	#VALUE!	21998.59725
5439000	9/27/2004	0.07	0.07	1.62	8.16	15846	98.8460%	Chloride	--	mg/L	500	28.3	#VALUE!	21998.59725
5439000	9/3/2006	0.07	0.07	1.62	8.16	15846	98.8460%	Chloride	--	mg/L	500	28.3	#VALUE!	21998.59725
5439000	8/27/2008	0.07	0.07	1.62	8.16	15846	98.8460%	Chloride	--	mg/L	500	28.3	#VALUE!	21998.59725
5439000	10/6/2010	0.07	0.07	1.62	8.16	15846	98.8460%	Chloride	--	mg/L	500	28.3	#VALUE!	21998.59725
5439000	12/3/2012	0.07	0.07	1.62	8.16	15846	98.8460%	Chloride	--	mg/L	500	28.3	#VALUE!	21998.59725
5439000	12/7/2012	0.07	0.07	1.62	8.16	15846	98.8460%	Chloride	--	mg/L	500	28.3	#VALUE!	21998.59725
5439000	9/11/2013	0.07	0.07	1.62	8.16	15846	98.8460%	Chloride	--	mg/L	500	28.3	#VALUE!	21998.59725
5439000	9/13/2013	0.07	0.07	1.62	8.16	15846	98.8460%	Chloride	--	mg/L	500	28.3	#VALUE!	21998.59725
5439000	10/1/2013	0.07	0.07	1.62	8.16	15846	98.8460%	Chloride	--	mg/L	500	28.3	#VALUE!	21998.59725
5439000	7/29/1930	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	8/26/1930	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	9/18/1930	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	9/19/1930	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	9/20/1930	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	9/7/1931	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	9/16/1931	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	9/27/1931	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	7/31/1932	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	9/1/1988	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	9/28/1988	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	9/29/1988	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	1/12/2003	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/24/2003	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	10/6/2003	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	9/24/2004	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	9/30/2004	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	10/6/2004	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	9/17/2005	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	9/30/2005	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	9/15/2011	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	11/26/2012	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	8/20/2013	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	1/7/2014	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	1/9/2014	0.06	0.06	1.62	8.15	15860	98.9333%	Chloride	--	mg/L	500	28.3	#VALUE!	21955.01202
5439000	8/27/1930	0.05	0.05	1.62	8.13	15885	99.0893%	Chloride	--	mg/L	500	28.3	#VALUE!	21911.42679
5439000	9/21/1930	0.05	0.05	1.62	8.13	15885	99.0893%	Chloride	--	mg/L	500	28.3	#VALUE!	21911.42679
5439000	9/22/1930	0.05	0.05	1.62	8.13	15885	99.0893%	Chloride	--	mg/L	500	28.3	#VALUE!	21911.42679
5439000	9/28/1931	0.05	0.05	1.62	8.13	15885	99.0893%	Chloride	--	mg/L	500	28.3	#VALUE!	21911.42679
5439000	10/9/1931	0.05	0.05	1.62	8.13	15885	99.0893%	Chloride	--	mg/L	500	28.3	#VALUE!	21911.42679
5439000	8/6/1988	0.05	0.05	1.62	8.13	15885	99.0893%	Chloride	--	mg/L	500	28.3	#VALUE!	21911.42679
5439000	9/16/2002	0.05	0.05	1.62	8.13	15885	99.0893%	Chloride	--	mg/L	500	28.3	#VALUE!	21911.42679
5439000	1/13/2003	0.05	0.05	1.62	8.13	15885	99.0893%	Chloride	--	mg/L	500	28.3	#VALUE!	21911.42679
5439000	8/28/2003	0.05	0.05	1.62	8.13	15885	99.0893%	Chloride	--	mg/L	500	28.3	#VALUE!	21911.42679
5439000	10/11/2003	0.05	0.05	1.62	8.13	15885	99.0893%	Chloride	--	mg/L	500	28.3	#VALUE!	21911.42679
5439000	8/3/2005	0.05	0.05	1.62	8.13	15885	99.0893%	Chloride	--	mg/L	500	28.3	#VALUE!	21911.42679
5439000	9/15/2005	0.05	0.05	1.62	8.13	15885	99.0893%	Chloride	--	mg/L	500	28.3	#VALUE!	21911.42679
5439000	11/11/2005	0.05	0.05	1.62	8.13	15885	99.0893%	Chloride	--	mg/L	500	28.3	#VALUE!	21911.42679
5439000	8/21/2006	0.05	0.05	1.62	8.13	15885	99.0893%	Chloride	--	mg/L	500	28.3	#VALUE!	21911.42679
5439000	11/27/2012	0.05	0.05	1.62	8.13	15885	99.0893%	Chloride	--	mg/L	500	28.3	#VALUE!	21911.42679
5439000	12/2/2012	0.05	0.05	1.62	8.13	15885	99.0893%	Chloride	--	mg/L	500	28.3	#VALUE!	21911.42679
5439000	9/14/2013	0.05	0.05	1.62	8.13	15885	99.0893%	Chloride	--	mg/L	500	28.3	#VALUE!	21911.42679
5439000	10/2/2013	0.05	0.05	1.62	8.13	15885	99.0893%	Chloride	--	mg/L	500	28.3	#VALUE!	21911.42679
5439000	8/28/1930	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/29/1930	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	9/24/1930	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	9/25/1930	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	9/29/1931	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	9/30/1931	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	10/1/1931	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	10/2/1931	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	7/15/1988	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	9/21/1994	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	1/14/2003	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	3/7/2003	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	9/4/2003	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	8/10/2005	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	9/22/2005	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	8/14/2006	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	10/7/2010	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	9/13/2011	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	8/30/2012	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	9/3/2012	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	11/28/2012	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	11/29/2012	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	11/30/2012	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	12/1/2012	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	12/5/2012	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	8/21/2013	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	1/8/2014	0.04	0.04	1.62	8.11	15903	99.2015%	Chloride	--	mg/L	500	28.3	#VALUE!	21867.84156
5439000	8/30/1930	0.03	0.03	1.62	8.10	15930	99.3700%	Chloride	--	mg/L	500	28.3	#VALUE!	21824.25632
5439000	9/23/1930	0.03	0.03	1.62	8.10	15930	99.3700%	Chloride	--	mg/L	500	28.3	#VALUE!	21824.25632
5439000	10/3/1931	0.03	0.03	1.62	8.10	15930	99.3700%	Chloride	--	mg/L	500	28.3	#VALUE!	21824.25632
5439000	9/23/1999	0.03	0.03	1.62	8.10	15930	99.3700%	Chloride	--	mg/L	500	28.3	#VALUE!	21824.25632
5439000	9/26/1999	0.03	0.03	1.62	8.10	15930	99.3700%	Chloride	--	mg/L	500	28.3	#VALUE!	21824.25632

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/17/2002	0.03	0.03	1.62	8.10	15930	99.3700%	Chloride	--	mg/L	500	28.3	#VALUE!	21824.25632
5439000	1/15/2003	0.03	0.03	1.62	8.10	15930	99.3700%	Chloride	--	mg/L	500	28.3	#VALUE!	21824.25632
5439000	1/16/2003	0.03	0.03	1.62	8.10	15930	99.3700%	Chloride	--	mg/L	500	28.3	#VALUE!	21824.25632
5439000	10/2/2003	0.03	0.03	1.62	8.10	15930	99.3700%	Chloride	484.00	mg/L	500	28.3	21125.88012	21824.25632
5439000	10/10/2004	0.03	0.03	1.62	8.10	15930	99.3700%	Chloride	--	mg/L	500	28.3	#VALUE!	21824.25632
5439000	10/20/2004	0.03	0.03	1.62	8.10	15930	99.3700%	Chloride	--	mg/L	500	28.3	#VALUE!	21824.25632
5439000	10/21/2004	0.03	0.03	1.62	8.10	15930	99.3700%	Chloride	--	mg/L	500	28.3	#VALUE!	21824.25632
5439000	10/1/2005	0.03	0.03	1.62	8.10	15930	99.3700%	Chloride	--	mg/L	500	28.3	#VALUE!	21824.25632
5439000	10/13/2010	0.03	0.03	1.62	8.10	15930	99.3700%	Chloride	--	mg/L	500	28.3	#VALUE!	21824.25632
5439000	10/21/2010	0.03	0.03	1.62	8.10	15930	99.3700%	Chloride	--	mg/L	500	28.3	#VALUE!	21824.25632
5439000	8/31/2012	0.03	0.03	1.62	8.10	15930	99.3700%	Chloride	--	mg/L	500	28.3	#VALUE!	21824.25632
5439000	9/2/2012	0.03	0.03	1.62	8.10	15930	99.3700%	Chloride	--	mg/L	500	28.3	#VALUE!	21824.25632
5439000	12/6/2012	0.03	0.03	1.62	8.10	15930	99.3700%	Chloride	--	mg/L	500	28.3	#VALUE!	21824.25632
5439000	7/30/1930	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	8/1/1930	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	8/2/1930	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	9/2/1988	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	9/26/1988	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	1/17/2003	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	1/18/2003	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	1/19/2003	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	2/3/2003	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	2/4/2003	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	2/25/2003	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	2/26/2003	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	2/27/2003	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	2/28/2003	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	3/1/2003	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	3/2/2003	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	3/3/2003	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	3/4/2003	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/5/2003	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	3/6/2003	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	8/29/2003	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	9/17/2003	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	8/4/2005	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	8/5/2005	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	8/6/2005	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	8/7/2005	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	8/8/2005	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	8/9/2005	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	9/14/2005	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	10/6/2005	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	10/10/2010	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	9/14/2011	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	8/11/2012	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	8/12/2012	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	8/23/2012	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	8/24/2012	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	8/25/2012	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	9/1/2012	0.02	0.02	1.62	8.08	15948	99.4823%	Chloride	--	mg/L	500	28.3	#VALUE!	21780.67109
5439000	7/31/1930	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	10/4/1931	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	10/5/1931	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	10/6/1931	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	9/27/1988	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	9/25/1999	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	1/20/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	1/21/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	1/22/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	1/23/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	1/24/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/25/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	1/26/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	1/28/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	1/29/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	1/30/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	1/31/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/1/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/2/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/5/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/6/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/7/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/8/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/9/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/13/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/14/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/15/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/16/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/17/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/18/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/19/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/20/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/21/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/22/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/23/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	2/24/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	8/25/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	9/21/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	10/7/2003	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	10/7/2004	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	8/26/2008	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	10/15/2010	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/20/2010	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	9/16/2011	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	9/23/2011	0.01	0.01	1.62	8.06	15986	99.7193%	Chloride	--	mg/L	500	28.3	#VALUE!	21737.08586
5439000	8/7/1988	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/20/1988	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/21/1988	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	8/24/1991	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/11/1999	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/24/1999	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	1/27/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	2/10/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	2/11/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	2/12/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	8/26/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	364.00	mg/L	500	28.3	15792.86846	21693.50063
5439000	8/27/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	8/30/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/5/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/6/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/7/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/8/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/9/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/10/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/11/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/18/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/19/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/20/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/23/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/25/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/8/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/9/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/10/2003	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/25/2004	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/26/2004	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/11/2004	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/12/2004	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/13/2004	0	0	1.62	8.05	16031	100.0000%	Chloride	174.00	mg/L	500	28.3	7549.338219	21693.50063
5439000	8/28/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	8/29/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	8/30/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	8/31/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/1/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/2/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/3/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/4/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/5/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/6/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/7/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	181.00	mg/L	500	28.3	7853.047228	21693.50063
5439000	9/8/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/9/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/10/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/11/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/12/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/13/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/18/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/23/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/7/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/8/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/9/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/10/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/11/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/12/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/13/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/14/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/15/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/16/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/17/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/18/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/19/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/20/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/21/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/22/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/24/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/25/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/26/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	224.00	mg/L	500	28.3	9718.688282	21693.50063
5439000	10/27/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/28/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/29/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/30/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	10/31/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	11/1/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	11/2/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	11/3/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	11/4/2005	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	8/15/2006	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	8/16/2006	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	8/17/2006	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	8/22/2006	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	8/23/2006	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	8/24/2006	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	8/25/2006	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	8/26/2006	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	8/27/2006	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/1/2006	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/2/2006	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	8/25/2008	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/1/2008	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/2/2008	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/3/2008	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/17/2011	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/24/2011	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063
5439000	9/25/2011	0	0	1.62	8.05	16031	100.0000%	Chloride	--	mg/L	500	28.3	#VALUE!	21693.50063

Little Vermilion River (DR-01)
Fecal Coliform

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/24/2007	8	2890	2890	1.62	4680.51	1	0.0124%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	22905014.72
5439000	7/3/1983	7	2520	2520	1.62	4082.19	2	0.0248%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	19976999.89
5439000	7/2/1983	7	2510	2510	1.62	4066.02	3	0.0372%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	19897864.35
5439000	8/25/2007	8	2440	2440	1.62	3952.82	4	0.0496%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	19343915.6
5439000	7/18/1996	7	1980	1980	1.62	3208.96	5	0.0620%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	15703680.94
5439000	9/14/2008	9	1830	1830	1.62	2966.40	6	0.0744%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	14516647.9
5439000	9/15/2008	9	1820	1820	1.62	2950.23	7	0.0868%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	14437512.37
5439000	7/19/1996	7	1680	1680	1.62	2723.83	8	0.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	13329614.86
5439000	8/26/2007	8	1620	1620	1.62	2626.81	9	0.1116%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	12854801.65
5439000	8/27/1987	8	1520	1520	1.62	2465.10	10	0.1240%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	12063446.29
5439000	9/9/1980	9	1380	1380	1.62	2238.71	11	0.1364%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	10955548.78
5439000	7/4/1983	7	1280	1280	1.62	2077.00	12	0.1488%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	10164193.42
5439000	6/16/2015	6	1250	1250	1.62	2028.48	13	0.1612%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	9926786.814
5439000	8/28/1987	8	1240	1240	1.62	2012.31	14	0.1736%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	9847651.278
5439000	9/16/2008	9	1220	1220	1.62	1979.97	15	0.1860%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	9689380.206
5439000	7/20/1996	7	1190	1190	1.62	1931.46	16	0.1984%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	9451973.598
5439000	8/6/1996	8	1130	1130	1.62	1834.43	17	0.2108%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	8977160.382
5439000	5/31/2004	5	1130	1130	1.62	1834.43	17	0.2108%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	8977160.382
5439000	5/26/1991	5	1120	1120	1.62	1818.26	19	0.2356%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	8898024.846
5439000	5/30/2011	5	1120	1120	1.62	1818.26	19	0.2356%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	8898024.846
5439000	9/8/1980	9	1100	1100	1.62	1785.92	21	0.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	8739753.774
5439000	5/29/1996	5	1100	1100	1.62	1785.92	21	0.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	8739753.774
5439000	8/23/2007	8	1050	1050	1.62	1705.07	23	0.2852%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	8344076.094
5439000	9/10/1980	9	1040	1040	1.62	1688.90	24	0.2976%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	8264940.558
5439000	6/5/2002	6	1040	1040	1.62	1688.90	24	0.2976%	Fecal	4800	cfu/100ml	200	283.2	198358573.4	8264940.558
5439000	6/17/2015	6	1030	1030	1.62	1672.72	26	0.3224%	Fecal	3100	cfu/100ml	200	283.2	126879977.8	8185805.021
5439000	8/17/1987	8	1010	1010	1.62	1640.38	27	0.3348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	8027533.949
5439000	8/27/2007	8	1010	1010	1.62	1640.38	27	0.3348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	8027533.949
5439000	8/15/1987	8	949	949	1.62	1541.74	29	0.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	7544807.18
5439000	6/14/1981	6	937	937	1.62	1522.33	30	0.3720%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	7449844.536
5439000	9/13/2008	9	930	930	1.62	1511.02	31	0.3844%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	7394449.661
5439000	6/12/1929	6	924	924	1.62	1501.31	32	0.3968%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	7346968.339
5439000	7/19/1993	7	921	921	1.62	1496.46	33	0.4092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	7323227.679
5439000	6/1/2004	6	921	921	1.62	1496.46	33	0.4092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	7323227.679
5439000	8/18/1987	8	915	915	1.62	1486.76	35	0.4340%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	7275746.357
5439000	5/14/2010	5	901	901	1.62	1464.12	36	0.4464%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	7164956.607
5439000	8/26/1987	8	899	899	1.62	1460.89	37	0.4588%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	7149129.499
5439000	5/22/1983	5	896	896	1.62	1456.03	38	0.4712%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	7125388.839
5439000	5/13/2010	5	873	873	1.62	1418.84	39	0.4836%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	6943377.106
5439000	8/29/1987	8	859	859	1.62	1396.20	40	0.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	6832587.355
5439000	6/14/1999	6	849	849	1.62	1380.03	41	0.5084%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	6753451.819
5439000	6/18/2015	6	847	847	1.62	1376.80	42	0.5208%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	6737624.712
5439000	9/17/2008	9	836	836	1.62	1359.01	43	0.5332%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	6650575.622
5439000	5/18/1986	5	831	831	1.62	1350.92	44	0.5456%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	6611007.854

Fecal Coliform Load Duration Curve Calculations
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Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/25/1994	6	825	825	1.62	1341.22	45	0.5580%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	6563526.533
5439000	5/27/1991	5	820	820	1.62	1333.14	46	0.5704%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	6523958.765
5439000	5/22/2004	5	811	811	1.62	1318.58	47	0.5828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	6452736.782
5439000	5/25/1927	5	805	805	1.62	1308.88	48	0.5952%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	6405255.461
5439000	6/9/1993	6	803	803	1.62	1305.64	49	0.6076%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	6389428.353
5439000	5/14/2011	5	798	798	1.62	1297.56	50	0.6200%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	6349860.585
5439000	8/16/1987	8	772	772	1.62	1255.51	51	0.6324%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	6144108.192
5439000	6/13/1929	6	765	765	1.62	1244.20	52	0.6448%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	6088713.316
5439000	5/30/1996	5	760	760	1.62	1236.11	53	0.6572%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	6049145.548
5439000	5/24/1927	5	756	756	1.62	1229.64	54	0.6696%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	6017491.334
5439000	8/7/1996	8	751	751	1.62	1221.56	55	0.6820%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5977923.566
5439000	7/5/1983	7	743	743	1.62	1208.62	56	0.6944%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5914615.137
5439000	6/10/2011	6	739	739	1.62	1202.15	57	0.7068%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5882960.923
5439000	8/14/1987	8	736	736	1.62	1197.30	58	0.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5859220.262
5439000	6/13/2000	6	736	736	1.62	1197.30	58	0.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5859220.262
5439000	6/6/2002	6	732	732	1.62	1190.83	60	0.7440%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5827566.048
5439000	5/23/1983	5	727	727	1.62	1182.75	61	0.7564%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5787998.28
5439000	5/11/2003	5	714	714	1.62	1161.72	62	0.7688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5685122.083
5439000	5/8/1998	5	713	713	1.62	1160.11	63	0.7813%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5677208.529
5439000	5/23/2004	5	710	710	1.62	1155.26	64	0.7937%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5653467.868
5439000	7/21/1996	7	705	705	1.62	1147.17	65	0.8061%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5613900.1
5439000	5/19/1986	5	704	704	1.62	1145.55	66	0.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5605986.547
5439000	6/13/1999	6	704	704	1.62	1145.55	66	0.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5605986.547
5439000	6/15/2015	6	704	704	1.62	1145.55	66	0.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5605986.547
5439000	6/24/1994	6	701	701	1.62	1140.70	69	0.8557%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5582245.886
5439000	5/31/2011	5	701	701	1.62	1140.70	69	0.8557%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5582245.886
5439000	6/14/2000	6	700	700	1.62	1139.08	71	0.8805%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5574332.332
5439000	5/21/2004	5	698	698	1.62	1135.85	72	0.8929%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5558505.225
5439000	5/24/1995	5	697	697	1.62	1134.23	73	0.9053%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5550591.671
5439000	9/11/1980	9	691	691	1.62	1124.53	74	0.9177%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5503110.35
5439000	8/7/2007	8	684	684	1.62	1113.21	75	0.9301%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5447715.475
5439000	6/4/2002	6	683	683	1.62	1111.59	76	0.9425%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5439801.921
5439000	5/28/1996	5	678	678	1.62	1103.51	77	0.9549%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5400234.153
5439000	5/21/1987	5	671	671	1.62	1092.19	78	0.9673%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5344839.278
5439000	7/9/1986	7	669	669	1.62	1088.95	79	0.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5329012.171
5439000	6/12/2000	6	669	669	1.62	1088.95	79	0.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5329012.171
5439000	7/1/2014	7	666	666	1.62	1084.10	81	1.0045%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5305271.51
5439000	6/13/1981	6	652	652	1.62	1061.46	82	1.0169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5194481.759
5439000	8/8/2007	8	652	652	1.62	1061.46	82	1.0169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5194481.759
5439000	6/15/1981	6	647	647	1.62	1053.38	84	1.0417%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5154913.991
5439000	7/30/1989	7	644	644	1.62	1048.53	85	1.0541%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5131173.33
5439000	6/8/1993	6	634	634	1.62	1032.36	86	1.0665%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	5052037.794
5439000	7/20/2007	7	621	621	1.62	1011.33	87	1.0789%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4949161.598
5439000	6/2/1999	6	620	620	1.62	1009.72	88	1.0913%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4941248.044

Fecal Coliform Load Duration Curve Calculations
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Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/31/2009	10	620	620	1.62	1009.72	88	1.0913%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4941248.044
5439000	5/12/2002	5	608	608	1.62	990.31	90	1.1161%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4846285.401
5439000	6/18/1996	6	600	600	1.62	977.38	91	1.1285%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4782976.972
5439000	7/23/1982	7	587	587	1.62	956.35	92	1.1409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4680100.775
5439000	8/28/2007	8	582	582	1.62	948.27	93	1.1533%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4640533.007
5439000	6/30/2013	6	580	580	1.62	945.03	94	1.1657%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4624705.9
5439000	5/30/1980	5	578	578	1.62	941.80	95	1.1781%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4608878.793
5439000	5/29/2011	5	571	571	1.62	930.48	96	1.1905%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4553483.917
5439000	7/19/2007	7	570	570	1.62	928.86	97	1.2029%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4545570.364
5439000	8/19/1987	8	569	569	1.62	927.25	98	1.2153%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4537656.81
5439000	6/15/2000	6	567	567	1.62	924.01	99	1.2277%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4521829.703
5439000	7/2/2014	7	566	566	1.62	922.39	100	1.2401%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4513916.149
5439000	7/2/1933	7	559	559	1.62	911.07	101	1.2525%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4458521.274
5439000	6/14/1993	6	558	558	1.62	909.46	102	1.2649%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4450607.721
5439000	5/15/2011	5	555	555	1.62	904.61	103	1.2773%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4426867.06
5439000	7/10/1986	7	551	551	1.62	898.14	104	1.2897%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4395212.845
5439000	5/22/1987	5	551	551	1.62	898.14	104	1.2897%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4395212.845
5439000	6/11/2011	6	550	550	1.62	896.52	106	1.3145%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4387299.292
5439000	6/9/2011	6	547	547	1.62	891.67	107	1.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4363558.631
5439000	6/16/1981	6	545	545	1.62	888.44	108	1.3393%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4347731.524
5439000	9/26/1993	9	542	542	1.62	883.58	109	1.3517%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4323990.863
5439000	5/13/1999	5	542	542	1.62	883.58	109	1.3517%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4323990.863
5439000	6/12/1926	6	538	538	1.62	877.12	111	1.3765%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4292336.648
5439000	5/26/1927	5	538	538	1.62	877.12	111	1.3765%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4292336.648
5439000	6/2/2004	6	538	538	1.62	877.12	111	1.3765%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4292336.648
5439000	6/20/1993	6	535	535	1.62	872.26	114	1.4137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4268595.988
5439000	5/13/2002	5	535	535	1.62	872.26	114	1.4137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4268595.988
5439000	5/28/1995	5	534	534	1.62	870.65	116	1.4385%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4260682.434
5439000	6/1/1989	6	532	532	1.62	867.41	117	1.4509%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4244855.327
5439000	6/2/1996	6	522	522	1.62	851.24	118	1.4633%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4165719.791
5439000	6/14/1929	6	518	518	1.62	844.77	119	1.4757%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4134065.576
5439000	7/22/1982	7	514	514	1.62	838.31	120	1.4881%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4102411.362
5439000	5/30/2004	5	510	510	1.62	831.84	121	1.5005%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4070757.148
5439000	6/19/2015	6	506	506	1.62	825.37	122	1.5129%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	4039102.933
5439000	8/18/1980	8	501	501	1.62	817.28	123	1.5253%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3999535.165
5439000	5/12/2008	5	499	499	1.62	814.05	124	1.5377%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3983708.058
5439000	9/18/2008	9	499	499	1.62	814.05	124	1.5377%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3983708.058
5439000	5/9/1998	5	498	498	1.62	812.43	126	1.5625%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3975794.504
5439000	8/20/2007	8	495	495	1.62	807.58	127	1.5749%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3952053.843
5439000	10/30/2009	10	491	491	1.62	801.11	128	1.5873%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3920399.629
5439000	9/13/1980	9	489	489	1.62	797.88	129	1.5997%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3904572.522
5439000	8/30/1987	8	489	489	1.62	797.88	129	1.5997%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3904572.522
5439000	7/13/2008	7	488	488	1.62	796.26	131	1.6245%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3896658.968
5439000	6/26/1994	6	482	482	1.62	786.56	132	1.6369%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3849177.647

Fecal Coliform Load Duration Curve Calculations
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Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/17/1980	8	476	476	1.62	776.86	133	1.6493%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3801696.325
5439000	6/10/1993	6	474	474	1.62	773.62	134	1.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3785869.218
5439000	5/15/2010	5	474	474	1.62	773.62	134	1.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3785869.218
5439000	6/24/1996	6	468	468	1.62	763.92	136	1.6865%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3738387.896
5439000	5/23/1995	5	467	467	1.62	762.30	137	1.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3730474.343
5439000	9/12/1980	9	465	465	1.62	759.07	138	1.7113%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3714647.235
5439000	7/12/2008	7	465	465	1.62	759.07	138	1.7113%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3714647.235
5439000	7/4/1928	7	464	464	1.62	757.45	140	1.7361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3706733.682
5439000	6/15/1993	6	458	458	1.62	747.75	141	1.7485%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3659252.36
5439000	5/12/2003	5	457	457	1.62	746.13	142	1.7609%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3651338.807
5439000	5/31/1996	5	456	456	1.62	744.51	143	1.7733%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3643425.253
5439000	7/7/1982	7	451	451	1.62	736.43	144	1.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3603857.485
5439000	7/5/1928	7	450	450	1.62	734.81	145	1.7981%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3595943.931
5439000	8/4/1989	8	447	447	1.62	729.96	146	1.8105%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3572203.271
5439000	5/20/1986	5	446	446	1.62	728.34	147	1.8229%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3564289.717
5439000	7/31/1989	7	445	445	1.62	726.73	148	1.8353%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3556376.163
5439000	5/25/1991	5	436	436	1.62	712.17	149	1.8477%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3485154.181
5439000	9/17/1980	9	434	434	1.62	708.94	150	1.8601%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3469327.074
5439000	6/7/2002	6	434	434	1.62	708.94	150	1.8601%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3469327.074
5439000	6/23/2013	6	434	434	1.62	708.94	150	1.8601%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3469327.074
5439000	5/24/1983	5	433	433	1.62	707.32	153	1.8973%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3461413.52
5439000	8/5/1989	8	431	431	1.62	704.09	154	1.9097%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3445586.413
5439000	6/20/2014	6	431	431	1.62	704.09	154	1.9097%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3445586.413
5439000	5/15/2004	5	428	428	1.62	699.24	156	1.9345%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3421845.752
5439000	7/6/1983	7	427	427	1.62	697.62	157	1.9469%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3413932.198
5439000	8/21/2007	8	426	426	1.62	696.00	158	1.9593%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3406018.645
5439000	5/26/2011	5	426	426	1.62	696.00	158	1.9593%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3406018.645
5439000	5/25/1995	5	421	421	1.62	687.92	160	1.9841%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3366450.877
5439000	5/24/2004	5	420	420	1.62	686.30	161	1.9965%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3358537.323
5439000	6/22/2014	6	420	420	1.62	686.30	161	1.9965%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3358537.323
5439000	6/25/2013	6	419	419	1.62	684.68	163	2.0213%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3350623.77
5439000	5/10/1990	5	418	418	1.62	683.06	164	2.0337%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3342710.216
5439000	7/29/1996	7	418	418	1.62	683.06	164	2.0337%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3342710.216
5439000	6/8/2009	6	418	418	1.62	683.06	164	2.0337%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3342710.216
5439000	5/28/1991	5	416	416	1.62	679.83	167	2.0709%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3326883.109
5439000	6/14/2015	6	416	416	1.62	679.83	167	2.0709%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3326883.109
5439000	8/29/2007	8	415	415	1.62	678.21	169	2.0957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3318969.555
5439000	6/12/1998	6	413	413	1.62	674.98	170	2.1081%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3303142.448
5439000	10/18/1998	10	411	411	1.62	671.74	171	2.1205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3287315.341
5439000	5/11/2008	5	411	411	1.62	671.74	171	2.1205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3287315.341
5439000	6/13/1926	6	408	408	1.62	666.89	173	2.1453%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3263574.68
5439000	10/7/1927	10	408	408	1.62	666.89	173	2.1453%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3263574.68
5439000	6/26/2013	6	408	408	1.62	666.89	173	2.1453%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3263574.68
5439000	5/5/2015	5	407	407	1.62	665.28	176	2.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3255661.126

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/3/1996	6	406	406	1.62	663.66	177	2.1949%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3247747.573
5439000	6/7/1996	6	406	406	1.62	663.66	177	2.1949%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3247747.573
5439000	7/20/1993	7	405	405	1.62	662.04	179	2.2197%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3239834.019
5439000	6/3/1995	6	404	404	1.62	660.43	180	2.2321%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3231920.466
5439000	7/22/1996	7	404	404	1.62	660.43	180	2.2321%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3231920.466
5439000	9/14/1980	9	403	403	1.62	658.81	182	2.2569%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3224006.912
5439000	6/12/1987	6	403	403	1.62	658.81	182	2.2569%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3224006.912
5439000	7/18/1993	7	400	400	1.62	653.96	184	2.2817%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3200266.251
5439000	6/22/2013	6	400	400	1.62	653.96	184	2.2817%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3200266.251
5439000	6/15/1929	6	399	399	1.62	652.34	186	2.3065%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3192352.698
5439000	7/3/2014	7	392	392	1.62	641.02	187	2.3189%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3136957.822
5439000	5/10/1995	5	390	390	1.62	637.79	188	2.3313%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3121130.715
5439000	5/9/2003	5	390	390	1.62	637.79	188	2.3313%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3121130.715
5439000	8/19/1980	8	388	388	1.62	634.55	190	2.3562%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3105303.608
5439000	5/12/1999	5	386	386	1.62	631.32	191	2.3686%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3089476.501
5439000	5/6/2015	5	385	385	1.62	629.70	192	2.3810%	Fecal	613	cfu/100ml	200	283.2	9444990.433	3081562.947
5439000	6/1/2011	6	383	383	1.62	626.47	193	2.3934%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3065735.84
5439000	6/19/1996	6	382	382	1.62	624.85	194	2.4058%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3057822.286
5439000	6/24/2013	6	382	382	1.62	624.85	194	2.4058%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3057822.286
5439000	9/24/1926	9	380	380	1.62	621.62	196	2.4306%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3041995.179
5439000	9/25/1926	9	380	380	1.62	621.62	196	2.4306%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3041995.179
5439000	10/5/1926	10	380	380	1.62	621.62	196	2.4306%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3041995.179
5439000	8/9/2007	8	379	379	1.62	620.00	199	2.4678%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3034081.625
5439000	6/2/1989	6	378	378	1.62	618.38	200	2.4802%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3026168.072
5439000	9/27/1993	9	376	376	1.62	615.15	201	2.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3010340.965
5439000	9/18/1980	9	375	375	1.62	613.53	202	2.5050%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3002427.411
5439000	6/1/1996	6	375	375	1.62	613.53	202	2.5050%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	3002427.411
5439000	6/21/2014	6	372	372	1.62	608.68	204	2.5298%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2978686.75
5439000	7/21/2007	7	371	371	1.62	607.06	205	2.5422%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2970773.197
5439000	5/14/2004	5	369	369	1.62	603.83	206	2.5546%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2954946.089
5439000	6/27/2013	6	369	369	1.62	603.83	206	2.5546%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2954946.089
5439000	7/11/1986	7	367	367	1.62	600.59	208	2.5794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2939118.982
5439000	5/1/2009	5	366	366	1.62	598.98	209	2.5918%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2931205.429
5439000	6/12/2011	6	364	364	1.62	595.74	210	2.6042%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2915378.321
5439000	7/8/1982	7	363	363	1.62	594.12	211	2.6166%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2907464.768
5439000	7/24/1982	7	363	363	1.62	594.12	211	2.6166%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2907464.768
5439000	8/8/1996	8	360	360	1.62	589.27	213	2.6414%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2883724.107
5439000	5/14/2002	5	360	360	1.62	589.27	213	2.6414%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2883724.107
5439000	9/19/2008	9	359	359	1.62	587.66	215	2.6662%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2875810.553
5439000	7/1/2013	7	359	359	1.62	587.66	215	2.6662%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2875810.553
5439000	6/15/1999	6	358	358	1.62	586.04	217	2.6910%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2867897
5439000	5/29/1995	5	356	356	1.62	582.80	218	2.7034%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2852069.893
5439000	6/11/1926	6	354	354	1.62	579.57	219	2.7158%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2836242.785
5439000	5/27/1927	5	354	354	1.62	579.57	219	2.7158%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2836242.785

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/20/1928	7	354	354	1.62	579.57	219	2.7158%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2836242.785
5439000	6/19/1993	6	353	353	1.62	577.95	222	2.7530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2828329.232
5439000	7/10/2007	7	352	352	1.62	576.34	223	2.7654%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2820415.678
5439000	6/9/2009	6	352	352	1.62	576.34	223	2.7654%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2820415.678
5439000	5/27/2011	5	351	351	1.62	574.72	225	2.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2812502.125
5439000	7/1/1983	7	350	350	1.62	573.10	226	2.8026%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2804588.571
5439000	5/7/1998	5	350	350	1.62	573.10	226	2.8026%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2804588.571
5439000	6/17/1981	6	346	346	1.62	566.63	228	2.8274%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2772934.357
5439000	6/16/2000	6	345	345	1.62	565.02	229	2.8398%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2765020.803
5439000	6/21/2015	6	343	343	1.62	561.78	230	2.8522%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2749193.696
5439000	7/24/2010	7	342	342	1.62	560.17	231	2.8646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2741280.142
5439000	6/17/1926	6	341	341	1.62	558.55	232	2.8770%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2733366.589
5439000	7/9/1933	7	341	341	1.62	558.55	232	2.8770%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2733366.589
5439000	8/30/2007	8	341	341	1.62	558.55	232	2.8770%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2733366.589
5439000	8/31/1987	8	340	340	1.62	556.93	235	2.9142%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2725453.035
5439000	5/17/1986	5	339	339	1.62	555.31	236	2.9266%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2717539.481
5439000	6/23/2004	6	338	338	1.62	553.70	237	2.9390%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2709625.928
5439000	5/9/1995	5	335	335	1.62	548.85	238	2.9514%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2685885.267
5439000	6/20/2015	6	335	335	1.62	548.85	238	2.9514%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2685885.267
5439000	5/11/1990	5	333	333	1.62	545.61	240	2.9762%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2670058.16
5439000	5/10/1998	5	333	333	1.62	545.61	240	2.9762%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2670058.16
5439000	5/10/2003	5	333	333	1.62	545.61	240	2.9762%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2670058.16
5439000	6/19/1929	6	331	331	1.62	542.38	243	3.0134%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2654231.052
5439000	5/23/1987	5	331	331	1.62	542.38	243	3.0134%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2654231.052
5439000	5/29/1984	5	330	330	1.62	540.76	245	3.0382%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2646317.499
5439000	10/4/1926	10	328	328	1.62	537.53	246	3.0506%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2630490.392
5439000	5/9/1933	5	328	328	1.62	537.53	246	3.0506%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2630490.392
5439000	8/22/2007	8	327	327	1.62	535.91	248	3.0754%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2622576.838
5439000	5/30/1982	5	326	326	1.62	534.29	249	3.0878%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2614663.284
5439000	5/21/1986	5	326	326	1.62	534.29	249	3.0878%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2614663.284
5439000	7/7/1983	7	321	321	1.62	526.21	251	3.1126%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2575095.516
5439000	5/14/1999	5	321	321	1.62	526.21	251	3.1126%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2575095.516
5439000	9/15/1980	9	320	320	1.62	524.59	253	3.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2567181.963
5439000	7/3/1982	7	319	319	1.62	522.97	254	3.1498%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2559268.409
5439000	5/27/1996	5	319	319	1.62	522.97	254	3.1498%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2559268.409
5439000	6/21/1993	6	318	318	1.62	521.36	256	3.1746%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2551354.856
5439000	5/8/1933	5	316	316	1.62	518.12	257	3.1870%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2535527.748
5439000	5/28/1927	5	315	315	1.62	516.50	258	3.1994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2527614.195
5439000	8/10/1980	8	315	315	1.62	516.50	258	3.1994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2527614.195
5439000	6/17/1996	6	315	315	1.62	516.50	258	3.1994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2527614.195
5439000	6/11/1993	6	314	314	1.62	514.89	261	3.2366%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2519700.641
5439000	5/25/1996	5	314	314	1.62	514.89	261	3.2366%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2519700.641
5439000	5/25/1983	5	313	313	1.62	513.27	263	3.2614%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2511787.088
5439000	7/12/1986	7	313	313	1.62	513.27	263	3.2614%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2511787.088

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/26/1996	5	312	312	1.62	511.65	265	3.2862%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2503873.534
5439000	6/4/1996	6	312	312	1.62	511.65	265	3.2862%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2503873.534
5439000	8/20/1987	8	311	311	1.62	510.04	267	3.3110%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2495959.98
5439000	7/23/1996	7	311	311	1.62	510.04	267	3.3110%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2495959.98
5439000	6/16/1929	6	310	310	1.62	508.42	269	3.3358%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2488046.427
5439000	6/1/1991	6	310	310	1.62	508.42	269	3.3358%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2488046.427
5439000	5/11/1995	5	310	310	1.62	508.42	269	3.3358%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2488046.427
5439000	8/20/1980	8	309	309	1.62	506.80	272	3.3730%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2480132.873
5439000	6/8/2002	6	309	309	1.62	506.80	272	3.3730%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2480132.873
5439000	5/16/2009	5	309	309	1.62	506.80	272	3.3730%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2480132.873
5439000	5/16/2011	5	309	309	1.62	506.80	272	3.3730%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2480132.873
5439000	6/25/2000	6	308	308	1.62	505.18	276	3.4226%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2472219.32
5439000	6/4/2008	6	308	308	1.62	505.18	276	3.4226%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2472219.32
5439000	6/8/1996	6	307	307	1.62	503.57	278	3.4474%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2464305.766
5439000	6/1/2000	6	307	307	1.62	503.57	278	3.4474%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2464305.766
5439000	5/25/2004	5	307	307	1.62	503.57	278	3.4474%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2464305.766
5439000	7/8/1986	7	303	303	1.62	497.10	281	3.4846%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2432651.552
5439000	9/7/1989	9	303	303	1.62	497.10	281	3.4846%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2432651.552
5439000	5/13/2008	5	303	303	1.62	497.10	281	3.4846%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2432651.552
5439000	6/27/1994	6	302	302	1.62	495.48	284	3.5218%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2424737.998
5439000	5/31/1980	5	300	300	1.62	492.25	285	3.5342%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2408910.891
5439000	8/6/1989	8	299	299	1.62	490.63	286	3.5466%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2400997.337
5439000	6/11/1998	6	299	299	1.62	490.63	286	3.5466%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2400997.337
5439000	6/12/2004	6	298	298	1.62	489.01	288	3.5714%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2393083.784
5439000	5/26/1995	5	297	297	1.62	487.40	289	3.5838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2385170.23
5439000	8/14/1980	8	296	296	1.62	485.78	290	3.5962%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2377256.676
5439000	6/3/1999	6	296	296	1.62	485.78	290	3.5962%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2377256.676
5439000	5/29/1980	5	295	295	1.62	484.16	292	3.6210%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2369343.123
5439000	8/21/1987	8	294	294	1.62	482.55	293	3.6334%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2361429.569
5439000	5/17/2002	5	293	293	1.62	480.93	294	3.6458%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2353516.016
5439000	6/30/1993	6	291	291	1.62	477.69	295	3.6582%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2337688.908
5439000	5/13/2003	5	289	289	1.62	474.46	296	3.6706%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2321861.801
5439000	9/16/1980	9	288	288	1.62	472.84	297	3.6830%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2313948.248
5439000	5/29/1991	5	287	287	1.62	471.23	298	3.6954%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2306034.694
5439000	5/2/2009	5	286	286	1.62	469.61	299	3.7078%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2298121.14
5439000	5/16/2010	5	286	286	1.62	469.61	299	3.7078%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2298121.14
5439000	9/19/1980	9	285	285	1.62	467.99	301	3.7326%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2290207.587
5439000	9/28/1993	9	285	285	1.62	467.99	301	3.7326%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2290207.587
5439000	6/2/2011	6	285	285	1.62	467.99	301	3.7326%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2290207.587
5439000	6/23/2014	6	285	285	1.62	467.99	301	3.7326%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2290207.587
5439000	6/16/1993	6	283	283	1.62	464.76	305	3.7822%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2274380.479
5439000	9/15/1993	9	283	283	1.62	464.76	305	3.7822%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2274380.479
5439000	6/24/2010	6	282	282	1.62	463.14	307	3.8070%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2266466.926
5439000	7/3/1933	7	280	280	1.62	459.91	308	3.8194%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2250639.819

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/25/1996	6	280	280	1.62	459.91	308	3.8194%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2250639.819
5439000	8/31/2007	8	280	280	1.62	459.91	308	3.8194%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2250639.819
5439000	7/4/2014	7	280	280	1.62	459.91	308	3.8194%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2250639.819
5439000	9/26/1926	9	279	279	1.62	458.29	312	3.8690%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2242726.265
5439000	10/3/1926	10	279	279	1.62	458.29	312	3.8690%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2242726.265
5439000	7/6/1928	7	279	279	1.62	458.29	312	3.8690%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2242726.265
5439000	7/21/1928	7	279	279	1.62	458.29	312	3.8690%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2242726.265
5439000	8/22/1987	8	279	279	1.62	458.29	312	3.8690%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2242726.265
5439000	5/16/2004	5	279	279	1.62	458.29	312	3.8690%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2242726.265
5439000	6/20/1996	6	278	278	1.62	456.67	318	3.9435%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2234812.711
5439000	9/20/2008	9	278	278	1.62	456.67	318	3.9435%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2234812.711
5439000	5/28/1982	5	276	276	1.62	453.44	320	3.9683%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2218985.604
5439000	5/31/1991	5	276	276	1.62	453.44	320	3.9683%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2218985.604
5439000	5/15/2002	5	274	274	1.62	450.20	322	3.9931%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2203158.497
5439000	6/22/2015	6	274	274	1.62	450.20	322	3.9931%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2203158.497
5439000	6/19/2014	6	273	273	1.62	448.59	324	4.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2195244.943
5439000	5/12/1990	5	272	272	1.62	446.97	325	4.0303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2187331.39
5439000	8/11/1980	8	270	270	1.62	443.74	326	4.0427%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2171504.283
5439000	5/1/2003	5	270	270	1.62	443.74	326	4.0427%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2171504.283
5439000	6/13/1998	6	269	269	1.62	442.12	328	4.0675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2163590.729
5439000	7/3/2000	7	269	269	1.62	442.12	328	4.0675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2163590.729
5439000	6/23/1931	6	268	268	1.62	440.50	330	4.0923%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2155677.175
5439000	5/2/1933	5	268	268	1.62	440.50	330	4.0923%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2155677.175
5439000	5/10/1933	5	268	268	1.62	440.50	330	4.0923%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2155677.175
5439000	10/23/2009	10	268	268	1.62	440.50	330	4.0923%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2155677.175
5439000	6/13/2011	6	268	268	1.62	440.50	330	4.0923%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2155677.175
5439000	5/7/2015	5	268	268	1.62	440.50	330	4.0923%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2155677.175
5439000	6/14/1926	6	267	267	1.62	438.88	336	4.1667%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2147763.622
5439000	10/6/1926	10	267	267	1.62	438.88	336	4.1667%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2147763.622
5439000	6/4/1927	6	267	267	1.62	438.88	336	4.1667%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2147763.622
5439000	10/8/1927	10	267	267	1.62	438.88	336	4.1667%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2147763.622
5439000	5/16/2002	5	267	267	1.62	438.88	336	4.1667%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2147763.622
5439000	5/20/2004	5	267	267	1.62	438.88	336	4.1667%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2147763.622
5439000	5/27/1995	5	266	266	1.62	437.27	342	4.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2139850.068
5439000	6/29/2013	6	266	266	1.62	437.27	342	4.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2139850.068
5439000	6/6/2001	6	264	264	1.62	434.03	344	4.2659%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2124022.961
5439000	9/1/1987	9	263	263	1.62	432.42	345	4.2783%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2116109.407
5439000	6/3/1989	6	263	263	1.62	432.42	345	4.2783%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2116109.407
5439000	5/13/1990	5	261	261	1.62	429.18	347	4.3031%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2100282.3
5439000	7/30/1996	7	261	261	1.62	429.18	347	4.3031%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2100282.3
5439000	6/4/1995	6	260	260	1.62	427.56	349	4.3279%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2092368.747
5439000	6/12/1999	6	260	260	1.62	427.56	349	4.3279%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2092368.747
5439000	6/4/2004	6	260	260	1.62	427.56	349	4.3279%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2092368.747
5439000	6/28/2013	6	260	260	1.62	427.56	349	4.3279%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2092368.747

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/2/2000	6	259	259	1.62	425.95	353	4.3775%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2084455.193
5439000	7/8/1983	7	258	258	1.62	424.33	354	4.3899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2076541.639
5439000	5/26/2008	5	258	258	1.62	424.33	354	4.3899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2076541.639
5439000	7/25/1993	7	257	257	1.62	422.71	356	4.4147%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2068628.086
5439000	8/10/2007	8	257	257	1.62	422.71	356	4.4147%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2068628.086
5439000	5/11/2015	5	257	257	1.62	422.71	356	4.4147%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2068628.086
5439000	6/2/1991	6	256	256	1.62	421.10	359	4.4519%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2060714.532
5439000	7/11/2000	7	256	256	1.62	421.10	359	4.4519%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2060714.532
5439000	10/2/1926	10	255	255	1.62	419.48	361	4.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2052800.979
5439000	5/29/1927	5	255	255	1.62	419.48	361	4.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2052800.979
5439000	6/23/1928	6	255	255	1.62	419.48	361	4.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2052800.979
5439000	5/24/1996	5	254	254	1.62	417.86	364	4.5139%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2044887.425
5439000	7/24/1996	7	253	253	1.62	416.24	365	4.5263%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2036973.871
5439000	6/13/2004	6	253	253	1.62	416.24	365	4.5263%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2036973.871
5439000	5/8/2012	5	253	253	1.62	416.24	365	4.5263%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2036973.871
5439000	6/1/1980	6	252	252	1.62	414.63	368	4.5635%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2029060.318
5439000	5/1/1981	5	252	252	1.62	414.63	368	4.5635%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2029060.318
5439000	5/22/1986	5	252	252	1.62	414.63	368	4.5635%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2029060.318
5439000	5/30/1995	5	252	252	1.62	414.63	368	4.5635%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2029060.318
5439000	5/11/1998	5	252	252	1.62	414.63	368	4.5635%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2029060.318
5439000	6/18/1981	6	251	251	1.62	413.01	373	4.6255%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2021146.764
5439000	8/9/1996	8	250	250	1.62	411.39	374	4.6379%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2013233.211
5439000	5/26/2004	5	250	250	1.62	411.39	374	4.6379%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2013233.211
5439000	7/25/1982	7	249	249	1.62	409.78	376	4.6627%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2005319.657
5439000	6/29/1990	6	249	249	1.62	409.78	376	4.6627%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2005319.657
5439000	5/10/1996	5	249	249	1.62	409.78	376	4.6627%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2005319.657
5439000	7/10/2000	7	249	249	1.62	409.78	376	4.6627%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2005319.657
5439000	6/9/2008	6	249	249	1.62	409.78	376	4.6627%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	2005319.657
5439000	9/20/1980	9	248	248	1.62	408.16	381	4.7247%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1997406.103
5439000	6/28/1982	6	248	248	1.62	408.16	381	4.7247%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1997406.103
5439000	6/10/1998	6	248	248	1.62	408.16	381	4.7247%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1997406.103
5439000	6/24/1931	6	246	246	1.62	404.92	384	4.7619%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1981578.996
5439000	5/30/1981	5	246	246	1.62	404.92	384	4.7619%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1981578.996
5439000	5/26/1983	5	246	246	1.62	404.92	384	4.7619%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1981578.996
5439000	5/26/1984	5	246	246	1.62	404.92	384	4.7619%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1981578.996
5439000	5/28/2011	5	246	246	1.62	404.92	384	4.7619%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1981578.996
5439000	6/5/1996	6	245	245	1.62	403.31	389	4.8239%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1973665.443
5439000	8/4/2010	8	244	244	1.62	401.69	390	4.8363%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1965751.889
5439000	6/18/1993	6	242	242	1.62	398.46	391	4.8487%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1949924.782
5439000	7/21/1993	7	242	242	1.62	398.46	391	4.8487%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1949924.782
5439000	6/9/1996	6	241	241	1.62	396.84	393	4.8735%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1942011.228
5439000	10/19/1998	10	240	240	1.62	395.22	394	4.8859%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1934097.675
5439000	5/12/2010	5	240	240	1.62	395.22	394	4.8859%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1934097.675
5439000	6/2/1995	6	239	239	1.62	393.61	396	4.9107%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1926184.121

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/24/2009	10	239	239	1.62	393.61	396	4.9107%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1926184.121
5439000	6/17/2000	6	238	238	1.62	391.99	398	4.9355%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1918270.567
5439000	6/30/2014	6	238	238	1.62	391.99	398	4.9355%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1918270.567
5439000	5/2/1983	5	237	237	1.62	390.37	400	4.9603%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1910357.014
5439000	5/25/1984	5	237	237	1.62	390.37	400	4.9603%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1910357.014
5439000	5/24/1987	5	237	237	1.62	390.37	400	4.9603%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1910357.014
5439000	6/12/1993	6	237	237	1.62	390.37	400	4.9603%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1910357.014
5439000	6/9/2002	6	236	236	1.62	388.75	404	5.0099%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1902443.46
5439000	6/14/2009	6	236	236	1.62	388.75	404	5.0099%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1902443.46
5439000	7/13/1986	7	235	235	1.62	387.14	406	5.0347%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1894529.907
5439000	6/23/2009	6	234	234	1.62	385.52	407	5.0471%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1886616.353
5439000	5/28/1984	5	233	233	1.62	383.90	408	5.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1878702.799
5439000	6/13/2009	6	233	233	1.62	383.90	408	5.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1878702.799
5439000	5/30/1984	5	232	232	1.62	382.29	410	5.0843%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1870789.246
5439000	5/12/2015	5	232	232	1.62	382.29	410	5.0843%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1870789.246
5439000	8/1/1989	8	231	231	1.62	380.67	412	5.1091%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1862875.692
5439000	5/12/1995	5	231	231	1.62	380.67	412	5.1091%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1862875.692
5439000	9/1/1980	9	230	230	1.62	379.05	414	5.1339%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1854962.138
5439000	6/6/1996	6	230	230	1.62	379.05	414	5.1339%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1854962.138
5439000	7/2/2013	7	230	230	1.62	379.05	414	5.1339%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1854962.138
5439000	8/21/1980	8	229	229	1.62	377.43	417	5.1711%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1847048.585
5439000	6/16/1999	6	229	229	1.62	377.43	417	5.1711%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1847048.585
5439000	5/5/2003	5	229	229	1.62	377.43	417	5.1711%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1847048.585
5439000	6/30/1990	6	228	228	1.62	375.82	420	5.2083%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1839135.031
5439000	6/19/2010	6	228	228	1.62	375.82	420	5.2083%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1839135.031
5439000	8/5/2010	8	228	228	1.62	375.82	420	5.2083%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1839135.031
5439000	5/17/2011	5	228	228	1.62	375.82	420	5.2083%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1839135.031
5439000	6/3/2011	6	228	228	1.62	375.82	420	5.2083%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1839135.031
5439000	6/17/1993	6	227	227	1.62	374.20	425	5.2703%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1831221.478
5439000	6/22/1993	6	227	227	1.62	374.20	425	5.2703%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1831221.478
5439000	5/11/1996	5	227	227	1.62	374.20	425	5.2703%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1831221.478
5439000	5/18/2002	5	227	227	1.62	374.20	425	5.2703%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1831221.478
5439000	7/14/2008	7	227	227	1.62	374.20	425	5.2703%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1831221.478
5439000	5/7/2012	5	227	227	1.62	374.20	425	5.2703%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1831221.478
5439000	9/6/1989	9	226	226	1.62	372.58	431	5.3447%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1823307.924
5439000	9/1/2007	9	225	225	1.62	370.97	432	5.3571%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1815394.37
5439000	5/27/2009	5	225	225	1.62	370.97	432	5.3571%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1815394.37
5439000	6/10/2009	6	225	225	1.62	370.97	432	5.3571%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1815394.37
5439000	6/23/2015	6	225	225	1.62	370.97	432	5.3571%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1815394.37
5439000	5/6/1933	5	224	224	1.62	369.35	436	5.4067%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1807480.817
5439000	5/11/1933	5	224	224	1.62	369.35	436	5.4067%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1807480.817
5439000	5/12/1933	5	224	224	1.62	369.35	436	5.4067%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1807480.817
5439000	6/30/1933	6	224	224	1.62	369.35	436	5.4067%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1807480.817
5439000	7/25/1996	7	224	224	1.62	369.35	436	5.4067%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1807480.817

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/14/2003	5	224	224	1.62	369.35	436	5.4067%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1807480.817
5439000	9/23/1980	9	223	223	1.62	367.73	442	5.4812%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1799567.263
5439000	5/30/1991	5	223	223	1.62	367.73	442	5.4812%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1799567.263
5439000	6/17/1929	6	222	222	1.62	366.11	444	5.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1791653.71
5439000	6/20/1929	6	222	222	1.62	366.11	444	5.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1791653.71
5439000	5/17/2009	5	222	222	1.62	366.11	444	5.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1791653.71
5439000	9/27/1926	9	221	221	1.62	364.50	447	5.5432%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1783740.156
5439000	10/1/1926	10	221	221	1.62	364.50	447	5.5432%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1783740.156
5439000	10/7/1926	10	221	221	1.62	364.50	447	5.5432%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1783740.156
5439000	5/31/1982	5	221	221	1.62	364.50	447	5.5432%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1783740.156
5439000	7/9/1982	7	221	221	1.62	364.50	447	5.5432%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1783740.156
5439000	5/5/1993	5	221	221	1.62	364.50	447	5.5432%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1783740.156
5439000	9/14/1993	9	221	221	1.62	364.50	447	5.5432%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1783740.156
5439000	5/15/1999	5	221	221	1.62	364.50	447	5.5432%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1783740.156
5439000	9/21/2008	9	221	221	1.62	364.50	447	5.5432%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1783740.156
5439000	6/2/1980	6	220	220	1.62	362.88	456	5.6548%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1775826.602
5439000	9/21/1980	9	220	220	1.62	362.88	456	5.6548%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1775826.602
5439000	9/29/1993	9	220	220	1.62	362.88	456	5.6548%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1775826.602
5439000	5/11/2010	5	219	219	1.62	361.26	459	5.6920%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1767913.049
5439000	7/22/1928	7	218	218	1.62	359.65	460	5.7044%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1759999.495
5439000	7/1/1993	7	218	218	1.62	359.65	460	5.7044%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1759999.495
5439000	7/13/2014	7	218	218	1.62	359.65	460	5.7044%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1759999.495
5439000	7/9/1983	7	217	217	1.62	358.03	463	5.7416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1752085.942
5439000	7/26/1993	7	217	217	1.62	358.03	463	5.7416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1752085.942
5439000	6/11/1996	6	217	217	1.62	358.03	463	5.7416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1752085.942
5439000	6/5/2004	6	217	217	1.62	358.03	463	5.7416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1752085.942
5439000	7/11/2007	7	217	217	1.62	358.03	463	5.7416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1752085.942
5439000	7/4/1982	7	215	215	1.62	354.79	468	5.8036%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1736258.834
5439000	6/28/1993	6	215	215	1.62	354.79	468	5.8036%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1736258.834
5439000	9/8/1989	9	214	214	1.62	353.18	470	5.8284%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1728345.281
5439000	5/17/2004	5	214	214	1.62	353.18	470	5.8284%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1728345.281
5439000	5/27/2004	5	214	214	1.62	353.18	470	5.8284%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1728345.281
5439000	5/13/1933	5	213	213	1.62	351.56	473	5.8656%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1720431.727
5439000	8/7/1989	8	213	213	1.62	351.56	473	5.8656%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1720431.727
5439000	6/21/1996	6	213	213	1.62	351.56	473	5.8656%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1720431.727
5439000	5/6/1999	5	213	213	1.62	351.56	473	5.8656%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1720431.727
5439000	5/7/1999	5	213	213	1.62	351.56	473	5.8656%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1720431.727
5439000	5/13/2011	5	213	213	1.62	351.56	473	5.8656%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1720431.727
5439000	9/22/1980	9	212	212	1.62	349.94	479	5.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1712518.174
5439000	5/4/1993	5	212	212	1.62	349.94	479	5.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1712518.174
5439000	5/27/1983	5	211	211	1.62	348.33	481	5.9648%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1704604.62
5439000	5/14/1990	5	211	211	1.62	348.33	481	5.9648%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1704604.62
5439000	6/28/1994	6	211	211	1.62	348.33	481	5.9648%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1704604.62
5439000	5/13/1995	5	211	211	1.62	348.33	481	5.9648%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1704604.62

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/9/2007	7	211	211	1.62	348.33	481	5.9648%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1704604.62
5439000	5/17/2010	5	211	211	1.62	348.33	481	5.9648%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1704604.62
5439000	5/8/2015	5	211	211	1.62	348.33	481	5.9648%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1704604.62
5439000	6/18/1926	6	210	210	1.62	346.71	488	6.0516%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1696691.066
5439000	5/1/1927	5	210	210	1.62	346.71	488	6.0516%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1696691.066
5439000	5/10/1927	5	210	210	1.62	346.71	488	6.0516%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1696691.066
5439000	5/30/1927	5	210	210	1.62	346.71	488	6.0516%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1696691.066
5439000	9/2/1987	9	210	210	1.62	346.71	488	6.0516%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1696691.066
5439000	8/15/1980	8	209	209	1.62	345.09	493	6.1136%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1688777.513
5439000	6/14/2011	6	209	209	1.62	345.09	493	6.1136%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1688777.513
5439000	7/22/2007	7	208	208	1.62	343.48	495	6.1384%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1680863.959
5439000	10/17/1980	10	207	207	1.62	341.86	496	6.1508%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1672950.406
5439000	5/27/1982	5	207	207	1.62	341.86	496	6.1508%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1672950.406
5439000	6/26/1982	6	207	207	1.62	341.86	496	6.1508%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1672950.406
5439000	6/13/1987	6	207	207	1.62	341.86	496	6.1508%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1672950.406
5439000	7/5/2014	7	207	207	1.62	341.86	496	6.1508%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1672950.406
5439000	5/9/2015	5	207	207	1.62	341.86	496	6.1508%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1672950.406
5439000	8/23/1987	8	206	206	1.62	340.24	502	6.2252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1665036.852
5439000	6/10/1996	6	206	206	1.62	340.24	502	6.2252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1665036.852
5439000	6/4/1989	6	205	205	1.62	338.62	504	6.2500%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1657123.298
5439000	6/26/2000	6	205	205	1.62	338.62	504	6.2500%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1657123.298
5439000	5/14/2008	5	205	205	1.62	338.62	504	6.2500%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1657123.298
5439000	5/8/1997	5	204	204	1.62	337.01	507	6.2872%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1649209.745
5439000	6/13/2013	6	204	204	1.62	337.01	507	6.2872%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1649209.745
5439000	6/30/1982	6	203	203	1.62	335.39	509	6.3120%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1641296.191
5439000	5/12/1998	5	203	203	1.62	335.39	509	6.3120%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1641296.191
5439000	5/15/2009	5	203	203	1.62	335.39	509	6.3120%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1641296.191
5439000	5/3/1933	5	202	202	1.62	333.77	512	6.3492%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1633382.638
5439000	5/18/2004	5	202	202	1.62	333.77	512	6.3492%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1633382.638
5439000	6/24/2014	6	202	202	1.62	333.77	512	6.3492%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1633382.638
5439000	5/23/1986	5	201	201	1.62	332.16	515	6.3864%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1625469.084
5439000	5/31/1995	5	200	200	1.62	330.54	516	6.3988%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1617555.53
5439000	6/5/1995	6	200	200	1.62	330.54	516	6.3988%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1617555.53
5439000	6/14/1998	6	200	200	1.62	330.54	516	6.3988%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1617555.53
5439000	5/3/2009	5	200	200	1.62	330.54	516	6.3988%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1617555.53
5439000	5/14/1995	5	199	199	1.62	328.92	520	6.4484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1609641.977
5439000	6/4/1999	6	199	199	1.62	328.92	520	6.4484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1609641.977
5439000	9/2/2007	9	199	199	1.62	328.92	520	6.4484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1609641.977
5439000	7/13/2015	7	199	199	1.62	328.92	520	6.4484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1609641.977
5439000	9/2/1980	9	198	198	1.62	327.30	524	6.4980%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1601728.423
5439000	8/24/1993	8	198	198	1.62	327.30	524	6.4980%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1601728.423
5439000	5/29/1983	5	197	197	1.62	325.69	526	6.5228%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1593814.87
5439000	6/7/1984	6	197	197	1.62	325.69	526	6.5228%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1593814.87
5439000	6/19/1981	6	196	196	1.62	324.07	528	6.5476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1585901.316

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/6/1993	5	196	196	1.62	324.07	528	6.5476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1585901.316
5439000	10/26/2009	10	196	196	1.62	324.07	528	6.5476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1585901.316
5439000	8/12/1980	8	195	195	1.62	322.45	531	6.5848%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1577987.762
5439000	5/10/2015	5	195	195	1.62	322.45	531	6.5848%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1577987.762
5439000	6/25/2015	6	195	195	1.62	322.45	531	6.5848%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1577987.762
5439000	6/27/2010	6	194	194	1.62	320.84	534	6.6220%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1570074.209
5439000	6/29/1982	6	193	193	1.62	319.22	535	6.6344%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1562160.655
5439000	6/13/1993	6	193	193	1.62	319.22	535	6.6344%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1562160.655
5439000	8/10/1996	8	193	193	1.62	319.22	535	6.6344%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1562160.655
5439000	10/27/2009	10	193	193	1.62	319.22	535	6.6344%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1562160.655
5439000	6/28/2010	6	193	193	1.62	319.22	535	6.6344%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1562160.655
5439000	7/26/1982	7	192	192	1.62	317.60	540	6.6964%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1554247.102
5439000	7/31/1996	7	192	192	1.62	317.60	540	6.6964%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1554247.102
5439000	6/10/2002	6	192	192	1.62	317.60	540	6.6964%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1554247.102
5439000	5/5/1990	5	191	191	1.62	315.98	543	6.7336%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1546333.548
5439000	9/16/1993	9	191	191	1.62	315.98	543	6.7336%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1546333.548
5439000	6/15/1926	6	190	190	1.62	314.37	545	6.7584%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1538419.994
5439000	5/31/1927	5	190	190	1.62	314.37	545	6.7584%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1538419.994
5439000	5/19/2002	5	190	190	1.62	314.37	545	6.7584%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1538419.994
5439000	9/24/1980	9	189	189	1.62	312.75	548	6.7956%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1530506.441
5439000	5/2/1981	5	189	189	1.62	312.75	548	6.7956%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1530506.441
5439000	5/25/1987	5	189	189	1.62	312.75	548	6.7956%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1530506.441
5439000	8/21/1990	8	189	189	1.62	312.75	548	6.7956%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1530506.441
5439000	5/7/2009	5	189	189	1.62	312.75	548	6.7956%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1530506.441
5439000	10/9/1927	10	188	188	1.62	311.13	553	6.8576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1522592.887
5439000	7/7/1928	7	188	188	1.62	311.13	553	6.8576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1522592.887
5439000	9/30/1993	9	188	188	1.62	311.13	553	6.8576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1522592.887
5439000	5/28/2009	5	188	188	1.62	311.13	553	6.8576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1522592.887
5439000	6/14/2013	6	188	188	1.62	311.13	553	6.8576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1522592.887
5439000	6/12/2014	6	188	188	1.62	311.13	553	6.8576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1522592.887
5439000	5/21/1996	5	187	187	1.62	309.52	559	6.9320%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1514679.334
5439000	7/7/2015	7	187	187	1.62	309.52	559	6.9320%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1514679.334
5439000	5/15/1981	5	186	186	1.62	307.90	561	6.9568%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1506765.78
5439000	5/29/1982	5	186	186	1.62	307.90	561	6.9568%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1506765.78
5439000	6/3/1991	6	186	186	1.62	307.90	561	6.9568%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1506765.78
5439000	6/26/1996	6	186	186	1.62	307.90	561	6.9568%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1506765.78
5439000	6/10/2008	6	186	186	1.62	307.90	561	6.9568%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1506765.78
5439000	7/10/1983	7	185	185	1.62	306.28	566	7.0188%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1498852.226
5439000	5/23/1984	5	185	185	1.62	306.28	566	7.0188%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1498852.226
5439000	6/18/2000	6	185	185	1.62	306.28	566	7.0188%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1498852.226
5439000	6/6/2004	6	185	185	1.62	306.28	566	7.0188%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1498852.226
5439000	9/22/2008	9	185	185	1.62	306.28	566	7.0188%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1498852.226
5439000	6/15/2011	6	185	185	1.62	306.28	566	7.0188%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1498852.226
5439000	7/11/1982	7	184	184	1.62	304.67	572	7.0933%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1490938.673

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/18/1991	5	184	184	1.62	304.67	572	7.0933%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1490938.673
5439000	5/17/1999	5	184	184	1.62	304.67	572	7.0933%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1490938.673
5439000	5/15/2003	5	184	184	1.62	304.67	572	7.0933%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1490938.673
5439000	6/3/1990	6	183	183	1.62	303.05	576	7.1429%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1483025.119
5439000	5/28/2004	5	183	183	1.62	303.05	576	7.1429%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1483025.119
5439000	6/14/2004	6	183	183	1.62	303.05	576	7.1429%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1483025.119
5439000	6/4/2011	6	183	183	1.62	303.05	576	7.1429%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1483025.119
5439000	5/7/1933	5	182	182	1.62	301.43	580	7.1925%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1475111.566
5439000	10/18/1980	10	182	182	1.62	301.43	580	7.1925%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1475111.566
5439000	5/18/1983	5	182	182	1.62	301.43	580	7.1925%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1475111.566
5439000	6/27/1993	6	182	182	1.62	301.43	580	7.1925%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1475111.566
5439000	7/10/1982	7	181	181	1.62	299.81	584	7.2421%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1467198.012
5439000	5/3/1983	5	181	181	1.62	299.81	584	7.2421%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1467198.012
5439000	7/28/1996	7	181	181	1.62	299.81	584	7.2421%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1467198.012
5439000	6/11/2002	6	181	181	1.62	299.81	584	7.2421%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1467198.012
5439000	5/18/2011	5	181	181	1.62	299.81	584	7.2421%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1467198.012
5439000	9/28/1926	9	180	180	1.62	298.20	589	7.3041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1459284.458
5439000	10/8/1926	10	180	180	1.62	298.20	589	7.3041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1459284.458
5439000	6/5/1927	6	180	180	1.62	298.20	589	7.3041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1459284.458
5439000	6/18/1929	6	180	180	1.62	298.20	589	7.3041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1459284.458
5439000	5/20/1990	5	180	180	1.62	298.20	589	7.3041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1459284.458
5439000	6/23/1993	6	180	180	1.62	298.20	589	7.3041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1459284.458
5439000	5/6/1998	5	180	180	1.62	298.20	589	7.3041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1459284.458
5439000	6/24/2015	6	180	180	1.62	298.20	589	7.3041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1459284.458
5439000	10/4/1986	10	179	179	1.62	296.58	597	7.4033%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1451370.905
5439000	6/25/2010	6	179	179	1.62	296.58	597	7.4033%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1451370.905
5439000	9/9/1989	9	178	178	1.62	294.96	599	7.4281%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1443457.351
5439000	6/24/2000	6	178	178	1.62	294.96	599	7.4281%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1443457.351
5439000	6/5/2001	6	178	178	1.62	294.96	599	7.4281%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1443457.351
5439000	5/27/2015	5	178	178	1.62	294.96	599	7.4281%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1443457.351
5439000	5/31/1984	5	177	177	1.62	293.35	603	7.4777%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1435543.798
5439000	5/12/2000	5	177	177	1.62	293.35	603	7.4777%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1435543.798
5439000	7/4/2000	7	176	176	1.62	291.73	605	7.5025%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1427630.244
5439000	9/3/2007	9	176	176	1.62	291.73	605	7.5025%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1427630.244
5439000	5/18/2009	5	176	176	1.62	291.73	605	7.5025%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1427630.244
5439000	6/11/2009	6	176	176	1.62	291.73	605	7.5025%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1427630.244
5439000	10/18/1981	10	175	175	1.62	290.11	609	7.5521%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1419716.69
5439000	5/15/1990	5	175	175	1.62	290.11	609	7.5521%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1419716.69
5439000	5/3/1993	5	175	175	1.62	290.11	609	7.5521%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1419716.69
5439000	5/7/1993	5	175	175	1.62	290.11	609	7.5521%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1419716.69
5439000	7/22/1993	7	175	175	1.62	290.11	609	7.5521%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1419716.69
5439000	7/26/1996	7	175	175	1.62	290.11	609	7.5521%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1419716.69
5439000	6/5/2008	6	175	175	1.62	290.11	609	7.5521%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1419716.69
5439000	6/15/2009	6	175	175	1.62	290.11	609	7.5521%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1419716.69

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/3/2013	7	175	175	1.62	290.11	609	7.5521%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1419716.69
5439000	10/1/1993	10	174	174	1.62	288.49	618	7.6637%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1411803.137
5439000	6/17/1999	6	174	174	1.62	288.49	618	7.6637%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1411803.137
5439000	5/19/2004	5	174	174	1.62	288.49	618	7.6637%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1411803.137
5439000	5/30/1983	5	173	173	1.62	286.88	621	7.7009%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1403889.583
5439000	6/29/1985	6	173	173	1.62	286.88	621	7.7009%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1403889.583
5439000	5/13/1998	5	173	173	1.62	286.88	621	7.7009%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1403889.583
5439000	5/16/1999	5	173	173	1.62	286.88	621	7.7009%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1403889.583
5439000	6/7/2001	6	173	173	1.62	286.88	621	7.7009%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1403889.583
5439000	5/6/2003	5	173	173	1.62	286.88	621	7.7009%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1403889.583
5439000	7/17/2015	7	173	173	1.62	286.88	621	7.7009%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1403889.583
5439000	5/14/1933	5	172	172	1.62	285.26	628	7.7877%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1395976.029
5439000	5/27/1933	5	172	172	1.62	285.26	628	7.7877%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1395976.029
5439000	8/13/1980	8	172	172	1.62	285.26	628	7.7877%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1395976.029
5439000	8/16/1980	8	172	172	1.62	285.26	628	7.7877%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1395976.029
5439000	8/22/1980	8	172	172	1.62	285.26	628	7.7877%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1395976.029
5439000	7/14/1986	7	171	171	1.62	283.64	633	7.8497%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1388062.476
5439000	9/3/1987	9	171	171	1.62	283.64	633	7.8497%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1388062.476
5439000	9/1/1989	9	171	171	1.62	283.64	633	7.8497%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1388062.476
5439000	6/7/1993	6	171	171	1.62	283.64	633	7.8497%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1388062.476
5439000	6/12/1996	6	171	171	1.62	283.64	633	7.8497%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1388062.476
5439000	5/9/1997	5	171	171	1.62	283.64	633	7.8497%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1388062.476
5439000	5/2/2003	5	171	171	1.62	283.64	633	7.8497%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1388062.476
5439000	8/11/2007	8	171	171	1.62	283.64	633	7.8497%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1388062.476
5439000	5/13/2015	5	171	171	1.62	283.64	633	7.8497%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1388062.476
5439000	9/16/1926	9	170	170	1.62	282.03	642	7.9613%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1380148.922
5439000	5/2/1927	5	170	170	1.62	282.03	642	7.9613%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1380148.922
5439000	5/11/1927	5	170	170	1.62	282.03	642	7.9613%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1380148.922
5439000	7/27/1982	7	170	170	1.62	282.03	642	7.9613%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1380148.922
5439000	7/25/2010	7	170	170	1.62	282.03	642	7.9613%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1380148.922
5439000	8/2/1989	8	169	169	1.62	280.41	647	8.0233%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1372235.369
5439000	6/22/1996	6	169	169	1.62	280.41	647	8.0233%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1372235.369
5439000	10/23/2001	10	169	169	1.62	280.41	647	8.0233%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1372235.369
5439000	7/20/2008	7	169	169	1.62	280.41	647	8.0233%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1372235.369
5439000	10/25/2008	10	169	169	1.62	280.41	647	8.0233%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1372235.369
5439000	5/9/2012	5	169	169	1.62	280.41	647	8.0233%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1372235.369
5439000	6/25/1928	6	168	168	1.62	278.79	653	8.0977%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1364321.815
5439000	5/27/1984	5	168	168	1.62	278.79	653	8.0977%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1364321.815
5439000	9/25/1980	9	167	167	1.62	277.17	655	8.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1356408.261
5439000	5/26/1987	5	167	167	1.62	277.17	655	8.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1356408.261
5439000	5/4/2009	5	167	167	1.62	277.17	655	8.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1356408.261
5439000	5/8/2009	5	167	167	1.62	277.17	655	8.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1356408.261
5439000	6/14/1984	6	166	166	1.62	275.56	659	8.1721%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1348494.708
5439000	7/4/1998	7	166	166	1.62	275.56	659	8.1721%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1348494.708

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/28/2009	8	166	166	1.62	275.56	659	8.1721%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1348494.708
5439000	10/25/2009	10	166	166	1.62	275.56	659	8.1721%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1348494.708
5439000	7/28/1982	7	165	165	1.62	273.94	663	8.2217%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1340581.154
5439000	5/24/1986	5	165	165	1.62	273.94	663	8.2217%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1340581.154
5439000	7/23/1993	7	165	165	1.62	273.94	663	8.2217%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1340581.154
5439000	6/6/1995	6	165	165	1.62	273.94	663	8.2217%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1340581.154
5439000	7/6/2014	7	165	165	1.62	273.94	663	8.2217%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1340581.154
5439000	8/20/1990	8	164	164	1.62	272.32	668	8.2837%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1332667.601
5439000	7/2/1993	7	164	164	1.62	272.32	668	8.2837%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1332667.601
5439000	7/27/1993	7	164	164	1.62	272.32	668	8.2837%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1332667.601
5439000	5/15/1995	5	164	164	1.62	272.32	668	8.2837%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1332667.601
5439000	6/1/1995	6	164	164	1.62	272.32	668	8.2837%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1332667.601
5439000	7/7/1998	7	164	164	1.62	272.32	668	8.2837%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1332667.601
5439000	5/20/2002	5	164	164	1.62	272.32	668	8.2837%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1332667.601
5439000	5/18/2010	5	164	164	1.62	272.32	668	8.2837%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1332667.601
5439000	7/4/1933	7	163	163	1.62	270.71	676	8.3829%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1324754.047
5439000	5/20/1987	5	163	163	1.62	270.71	676	8.3829%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1324754.047
5439000	6/24/2009	6	163	163	1.62	270.71	676	8.3829%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1324754.047
5439000	7/14/2015	7	163	163	1.62	270.71	676	8.3829%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1324754.047
5439000	5/12/1996	5	162	162	1.62	269.09	680	8.4325%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1316840.493
5439000	5/11/2000	5	162	162	1.62	269.09	680	8.4325%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1316840.493
5439000	5/17/2015	5	162	162	1.62	269.09	680	8.4325%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1316840.493
5439000	6/21/1929	6	161	161	1.62	267.47	683	8.4697%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1308926.94
5439000	5/16/1981	5	161	161	1.62	267.47	683	8.4697%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1308926.94
5439000	6/20/1981	6	161	161	1.62	267.47	683	8.4697%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1308926.94
5439000	6/1/1982	6	161	161	1.62	267.47	683	8.4697%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1308926.94
5439000	9/2/1989	9	161	161	1.62	267.47	683	8.4697%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1308926.94
5439000	7/20/1990	7	161	161	1.62	267.47	683	8.4697%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1308926.94
5439000	6/29/1993	6	161	161	1.62	267.47	683	8.4697%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1308926.94
5439000	6/15/1998	6	161	161	1.62	267.47	683	8.4697%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1308926.94
5439000	5/13/2004	5	161	161	1.62	267.47	683	8.4697%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1308926.94
5439000	9/23/1926	9	160	160	1.62	265.85	692	8.5813%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1301013.386
5439000	10/9/1926	10	160	160	1.62	265.85	692	8.5813%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1301013.386
5439000	8/11/1996	8	160	160	1.62	265.85	692	8.5813%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1301013.386
5439000	6/7/2004	6	160	160	1.62	265.85	692	8.5813%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1301013.386
5439000	6/16/2011	6	160	160	1.62	265.85	692	8.5813%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1301013.386
5439000	6/26/2015	6	160	160	1.62	265.85	692	8.5813%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1301013.386
5439000	10/12/1927	10	158	158	1.62	262.62	698	8.6558%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1285186.279
5439000	7/23/1928	7	158	158	1.62	262.62	698	8.6558%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1285186.279
5439000	8/4/1928	8	158	158	1.62	262.62	698	8.6558%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1285186.279
5439000	7/11/1983	7	158	158	1.62	262.62	698	8.6558%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1285186.279
5439000	6/23/1996	6	158	158	1.62	262.62	698	8.6558%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1285186.279
5439000	8/1/1996	8	158	158	1.62	262.62	698	8.6558%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1285186.279
5439000	7/8/1998	7	158	158	1.62	262.62	698	8.6558%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1285186.279

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/29/2004	5	158	158	1.62	262.62	698	8.6558%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1285186.279
5439000	6/3/2008	6	158	158	1.62	262.62	698	8.6558%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1285186.279
5439000	7/14/2014	7	158	158	1.62	262.62	698	8.6558%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1285186.279
5439000	8/15/1981	8	157	157	1.62	261.00	708	8.7798%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1277272.725
5439000	7/31/1987	7	157	157	1.62	261.00	708	8.7798%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1277272.725
5439000	8/24/1987	8	157	157	1.62	261.00	708	8.7798%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1277272.725
5439000	8/8/1989	8	157	157	1.62	261.00	708	8.7798%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1277272.725
5439000	5/2/1993	5	157	157	1.62	261.00	708	8.7798%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1277272.725
5439000	9/28/1999	9	157	157	1.62	261.00	708	8.7798%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1277272.725
5439000	9/23/2008	9	157	157	1.62	261.00	708	8.7798%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1277272.725
5439000	5/14/2009	5	157	157	1.62	261.00	708	8.7798%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1277272.725
5439000	6/20/2010	6	157	157	1.62	261.00	708	8.7798%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1277272.725
5439000	5/6/1990	5	156	156	1.62	259.39	717	8.8914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1269359.172
5439000	5/16/1990	5	156	156	1.62	259.39	717	8.8914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1269359.172
5439000	6/29/1994	6	156	156	1.62	259.39	717	8.8914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1269359.172
5439000	5/23/1996	5	156	156	1.62	259.39	717	8.8914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1269359.172
5439000	6/5/1999	6	156	156	1.62	259.39	717	8.8914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1269359.172
5439000	6/19/2009	6	156	156	1.62	259.39	717	8.8914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1269359.172
5439000	6/24/1993	6	155	155	1.62	257.77	723	8.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1261445.618
5439000	5/20/1996	5	155	155	1.62	257.77	723	8.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1261445.618
5439000	7/27/1996	7	155	155	1.62	257.77	723	8.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1261445.618
5439000	5/8/1999	5	155	155	1.62	257.77	723	8.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1261445.618
5439000	5/20/2003	5	155	155	1.62	257.77	723	8.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1261445.618
5439000	9/4/2007	9	155	155	1.62	257.77	723	8.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1261445.618
5439000	5/3/1981	5	154	154	1.62	256.15	729	9.0402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1253532.065
5439000	5/18/1999	5	154	154	1.62	256.15	729	9.0402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1253532.065
5439000	6/2/2001	6	154	154	1.62	256.15	729	9.0402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1253532.065
5439000	5/16/2003	5	154	154	1.62	256.15	729	9.0402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1253532.065
5439000	5/4/1990	5	153	153	1.62	254.54	733	9.0898%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1245618.511
5439000	5/1/1999	5	153	153	1.62	254.54	733	9.0898%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1245618.511
5439000	6/12/2002	6	153	153	1.62	254.54	733	9.0898%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1245618.511
5439000	7/23/2007	7	153	153	1.62	254.54	733	9.0898%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1245618.511
5439000	5/27/2008	5	153	153	1.62	254.54	733	9.0898%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1245618.511
5439000	8/27/2009	8	153	153	1.62	254.54	733	9.0898%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1245618.511
5439000	6/11/2014	6	153	153	1.62	254.54	733	9.0898%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1245618.511
5439000	8/22/1990	8	152	152	1.62	252.92	740	9.1766%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1237704.957
5439000	9/25/1993	9	152	152	1.62	252.92	740	9.1766%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1237704.957
5439000	5/11/2004	5	152	152	1.62	252.92	740	9.1766%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1237704.957
5439000	6/15/2004	6	152	152	1.62	252.92	740	9.1766%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1237704.957
5439000	6/25/2014	6	152	152	1.62	252.92	740	9.1766%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1237704.957
5439000	6/19/1926	6	151	151	1.62	251.30	745	9.2386%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1229791.404
5439000	9/15/1926	9	151	151	1.62	251.30	745	9.2386%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1229791.404
5439000	9/29/1926	9	151	151	1.62	251.30	745	9.2386%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1229791.404
5439000	6/1/1927	6	151	151	1.62	251.30	745	9.2386%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1229791.404

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/19/1991	5	151	151	1.62	251.30	745	9.2386%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1229791.404
5439000	5/14/1998	5	151	151	1.62	251.30	745	9.2386%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1229791.404
5439000	6/3/2000	6	151	151	1.62	251.30	745	9.2386%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1229791.404
5439000	6/19/2000	6	151	151	1.62	251.30	745	9.2386%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1229791.404
5439000	5/25/2011	5	151	151	1.62	251.30	745	9.2386%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1229791.404
5439000	6/5/2011	6	151	151	1.62	251.30	745	9.2386%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1229791.404
5439000	10/2/1993	10	150	150	1.62	249.68	755	9.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1221877.85
5439000	10/26/2008	10	150	150	1.62	249.68	755	9.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1221877.85
5439000	5/31/1983	5	149	149	1.62	248.07	757	9.3874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1213964.297
5439000	9/10/1989	9	149	149	1.62	248.07	757	9.3874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1213964.297
5439000	5/8/1993	5	149	149	1.62	248.07	757	9.3874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1213964.297
5439000	5/16/1995	5	149	149	1.62	248.07	757	9.3874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1213964.297
5439000	5/9/2009	5	149	149	1.62	248.07	757	9.3874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1213964.297
5439000	5/19/2009	5	149	149	1.62	248.07	757	9.3874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1213964.297
5439000	10/28/2009	10	149	149	1.62	248.07	757	9.3874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1213964.297
5439000	6/4/1991	6	148	148	1.62	246.45	764	9.4742%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1206050.743
5439000	9/17/1993	9	148	148	1.62	246.45	764	9.4742%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1206050.743
5439000	6/27/2000	6	148	148	1.62	246.45	764	9.4742%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1206050.743
5439000	5/6/2009	5	148	148	1.62	246.45	764	9.4742%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1206050.743
5439000	5/29/2009	5	148	148	1.62	246.45	764	9.4742%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1206050.743
5439000	5/19/2011	5	148	148	1.62	246.45	764	9.4742%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1206050.743
5439000	5/4/1983	5	147	147	1.62	244.83	770	9.5486%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1198137.189
5439000	8/25/1987	8	147	147	1.62	244.83	770	9.5486%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1198137.189
5439000	9/4/1987	9	147	147	1.62	244.83	770	9.5486%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1198137.189
5439000	5/1/1993	5	147	147	1.62	244.83	770	9.5486%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1198137.189
5439000	8/31/1993	8	147	147	1.62	244.83	770	9.5486%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1198137.189
5439000	10/24/2001	10	147	147	1.62	244.83	770	9.5486%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1198137.189
5439000	5/21/2002	5	147	147	1.62	244.83	770	9.5486%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1198137.189
5439000	6/16/2009	6	147	147	1.62	244.83	770	9.5486%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1198137.189
5439000	6/1/1984	6	146	146	1.62	243.22	778	9.6478%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1190223.636
5439000	10/5/1986	10	146	146	1.62	243.22	778	9.6478%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1190223.636
5439000	6/13/1996	6	146	146	1.62	243.22	778	9.6478%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1190223.636
5439000	5/11/2002	5	146	146	1.62	243.22	778	9.6478%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1190223.636
5439000	5/4/1933	5	145	145	1.62	241.60	782	9.6974%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1182310.082
5439000	5/15/1933	5	145	145	1.62	241.60	782	9.6974%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1182310.082
5439000	7/1/1933	7	145	145	1.62	241.60	782	9.6974%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1182310.082
5439000	7/1/1990	7	145	145	1.62	241.60	782	9.6974%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1182310.082
5439000	5/19/1997	5	145	145	1.62	241.60	782	9.6974%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1182310.082
5439000	5/28/2015	5	145	145	1.62	241.60	782	9.6974%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1182310.082
5439000	9/26/1980	9	144	144	1.62	239.98	788	9.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1174396.529
5439000	6/11/1999	6	144	144	1.62	239.98	788	9.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1174396.529
5439000	7/12/2000	7	144	144	1.62	239.98	788	9.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1174396.529
5439000	7/12/2007	7	144	144	1.62	239.98	788	9.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1174396.529
5439000	5/5/2009	5	144	144	1.62	239.98	788	9.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1174396.529

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/19/1981	10	143	143	1.62	238.36	793	9.8338%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1166482.975
5439000	5/21/1990	5	143	143	1.62	238.36	793	9.8338%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1166482.975
5439000	5/22/1996	5	143	143	1.62	238.36	793	9.8338%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1166482.975
5439000	6/16/1926	6	142	142	1.62	236.75	796	9.8710%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1158569.421
5439000	8/21/1926	8	142	142	1.62	236.75	796	9.8710%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1158569.421
5439000	9/30/1926	9	142	142	1.62	236.75	796	9.8710%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1158569.421
5439000	6/6/1927	6	142	142	1.62	236.75	796	9.8710%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1158569.421
5439000	9/7/1980	9	142	142	1.62	236.75	796	9.8710%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1158569.421
5439000	5/19/1987	5	142	142	1.62	236.75	796	9.8710%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1158569.421
5439000	7/24/1993	7	142	142	1.62	236.75	796	9.8710%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1158569.421
5439000	6/18/1999	6	142	142	1.62	236.75	796	9.8710%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1158569.421
5439000	5/10/2000	5	142	142	1.62	236.75	796	9.8710%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1158569.421
5439000	6/20/2000	6	142	142	1.62	236.75	796	9.8710%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1158569.421
5439000	6/12/2009	6	142	142	1.62	236.75	796	9.8710%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1158569.421
5439000	5/31/1981	5	141	141	1.62	235.13	807	10.0074%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1150655.868
5439000	10/24/1985	10	141	141	1.62	235.13	807	10.0074%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1150655.868
5439000	10/26/1986	10	141	141	1.62	235.13	807	10.0074%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1150655.868
5439000	6/27/1996	6	141	141	1.62	235.13	807	10.0074%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1150655.868
5439000	6/8/2004	6	141	141	1.62	235.13	807	10.0074%	Fecal	190	cfu/100ml	200	283.2	1093123.074	1150655.868
5439000	5/14/2015	5	141	141	1.62	235.13	807	10.0074%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1150655.868
5439000	6/4/1980	6	140	140	1.62	233.51	813	10.0818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1142742.314
5439000	6/30/1983	6	140	140	1.62	233.51	813	10.0818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1142742.314
5439000	7/28/1993	7	140	140	1.62	233.51	813	10.0818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1142742.314
5439000	6/3/2007	6	140	140	1.62	233.51	813	10.0818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1142742.314
5439000	6/22/2009	6	140	140	1.62	233.51	813	10.0818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1142742.314
5439000	6/21/1981	6	139	139	1.62	231.90	818	10.1438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1134828.761
5439000	7/5/1982	7	139	139	1.62	231.90	818	10.1438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1134828.761
5439000	9/5/2007	9	139	139	1.62	231.90	818	10.1438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1134828.761
5439000	5/31/2008	5	139	139	1.62	231.90	818	10.1438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1134828.761
5439000	6/26/2010	6	139	139	1.62	231.90	818	10.1438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1134828.761
5439000	7/7/2014	7	139	139	1.62	231.90	818	10.1438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1134828.761
5439000	5/26/2015	5	139	139	1.62	231.90	818	10.1438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1134828.761
5439000	10/3/1986	10	138	138	1.62	230.28	825	10.2307%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1126915.207
5439000	8/4/1990	8	138	138	1.62	230.28	825	10.2307%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1126915.207
5439000	5/8/1995	5	138	138	1.62	230.28	825	10.2307%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1126915.207
5439000	5/15/1998	5	138	138	1.62	230.28	825	10.2307%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1126915.207
5439000	10/20/1998	10	138	138	1.62	230.28	825	10.2307%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1126915.207
5439000	5/15/2008	5	138	138	1.62	230.28	825	10.2307%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1126915.207
5439000	5/16/2015	5	138	138	1.62	230.28	825	10.2307%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1126915.207
5439000	5/25/1986	5	137	137	1.62	228.66	832	10.3175%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1119001.653
5439000	5/27/1987	5	137	137	1.62	228.66	832	10.3175%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1119001.653
5439000	9/10/1992	9	137	137	1.62	228.66	832	10.3175%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1119001.653
5439000	5/1/2007	5	137	137	1.62	228.66	832	10.3175%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1119001.653
5439000	9/24/2008	9	137	137	1.62	228.66	832	10.3175%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1119001.653

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/1/1929	5	136	136	1.62	227.04	837	10.3795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1111088.1
5439000	5/31/1989	5	136	136	1.62	227.04	837	10.3795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1111088.1
5439000	6/5/1989	6	136	136	1.62	227.04	837	10.3795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1111088.1
5439000	6/7/1995	6	136	136	1.62	227.04	837	10.3795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1111088.1
5439000	8/12/1996	8	136	136	1.62	227.04	837	10.3795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1111088.1
5439000	5/22/2002	5	136	136	1.62	227.04	837	10.3795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1111088.1
5439000	7/18/2007	7	136	136	1.62	227.04	837	10.3795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1111088.1
5439000	5/1/2011	5	136	136	1.62	227.04	837	10.3795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1111088.1
5439000	6/27/2015	6	136	136	1.62	227.04	837	10.3795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1111088.1
5439000	10/19/1980	10	135	135	1.62	225.43	846	10.4911%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1103174.546
5439000	7/12/1983	7	135	135	1.62	225.43	846	10.4911%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1103174.546
5439000	5/27/1986	5	135	135	1.62	225.43	846	10.4911%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1103174.546
5439000	7/3/1993	7	135	135	1.62	225.43	846	10.4911%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1103174.546
5439000	6/13/2002	6	135	135	1.62	225.43	846	10.4911%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1103174.546
5439000	6/20/2009	6	135	135	1.62	225.43	846	10.4911%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1103174.546
5439000	7/20/1989	7	134	134	1.62	223.81	852	10.5655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1095260.993
5439000	7/21/1990	7	134	134	1.62	223.81	852	10.5655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1095260.993
5439000	5/6/1991	5	134	134	1.62	223.81	852	10.5655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1095260.993
5439000	5/9/1993	5	134	134	1.62	223.81	852	10.5655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1095260.993
5439000	6/25/1993	6	134	134	1.62	223.81	852	10.5655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1095260.993
5439000	8/2/1996	8	134	134	1.62	223.81	852	10.5655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1095260.993
5439000	5/2/1999	5	134	134	1.62	223.81	852	10.5655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1095260.993
5439000	5/19/2010	5	134	134	1.62	223.81	852	10.5655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1095260.993
5439000	7/4/2013	7	134	134	1.62	223.81	852	10.5655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1095260.993
5439000	5/18/2015	5	134	134	1.62	223.81	852	10.5655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1095260.993
5439000	10/10/1926	10	133	133	1.62	222.19	862	10.6895%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1087347.439
5439000	5/3/1927	5	133	133	1.62	222.19	862	10.6895%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1087347.439
5439000	6/2/1927	6	133	133	1.62	222.19	862	10.6895%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1087347.439
5439000	6/21/1927	6	133	133	1.62	222.19	862	10.6895%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1087347.439
5439000	9/27/1980	9	133	133	1.62	222.19	862	10.6895%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1087347.439
5439000	5/17/1981	5	133	133	1.62	222.19	862	10.6895%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1087347.439
5439000	5/15/1983	5	133	133	1.62	222.19	862	10.6895%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1087347.439
5439000	5/17/1990	5	133	133	1.62	222.19	862	10.6895%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1087347.439
5439000	6/8/2001	6	133	133	1.62	222.19	862	10.6895%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1087347.439
5439000	8/23/1980	8	132	132	1.62	220.58	871	10.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1079433.885
5439000	5/24/1984	5	132	132	1.62	220.58	871	10.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1079433.885
5439000	10/25/2001	10	132	132	1.62	220.58	871	10.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1079433.885
5439000	5/23/2002	5	132	132	1.62	220.58	871	10.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1079433.885
5439000	6/16/2004	6	132	132	1.62	220.58	871	10.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1079433.885
5439000	8/3/2010	8	132	132	1.62	220.58	871	10.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1079433.885
5439000	6/17/2011	6	132	132	1.62	220.58	871	10.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1079433.885
5439000	5/25/2015	5	132	132	1.62	220.58	871	10.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1079433.885
5439000	5/29/1981	5	131	131	1.62	218.96	879	10.9003%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1071520.332
5439000	9/30/1981	9	131	131	1.62	218.96	879	10.9003%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1071520.332

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/29/1986	5	131	131	1.62	218.96	879	10.9003%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1071520.332
5439000	5/7/1990	5	131	131	1.62	218.96	879	10.9003%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1071520.332
5439000	8/30/1993	8	131	131	1.62	218.96	879	10.9003%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1071520.332
5439000	6/16/1998	6	131	131	1.62	218.96	879	10.9003%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1071520.332
5439000	5/17/2003	5	131	131	1.62	218.96	879	10.9003%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1071520.332
5439000	10/10/1927	10	130	130	1.62	217.34	886	10.9871%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1063606.778
5439000	6/26/1928	6	130	130	1.62	217.34	886	10.9871%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1063606.778
5439000	5/28/1986	5	130	130	1.62	217.34	886	10.9871%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1063606.778
5439000	6/14/1987	6	130	130	1.62	217.34	886	10.9871%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1063606.778
5439000	6/19/1998	6	130	130	1.62	217.34	886	10.9871%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1063606.778
5439000	5/7/2003	5	130	130	1.62	217.34	886	10.9871%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1063606.778
5439000	8/19/2007	8	130	130	1.62	217.34	886	10.9871%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1063606.778
5439000	6/13/2008	6	130	130	1.62	217.34	886	10.9871%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1063606.778
5439000	7/18/2015	7	130	130	1.62	217.34	886	10.9871%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1063606.778
5439000	9/3/1980	9	129	129	1.62	215.73	895	11.0987%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1055693.225
5439000	5/12/1981	5	129	129	1.62	215.73	895	11.0987%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1055693.225
5439000	6/8/1984	6	129	129	1.62	215.73	895	11.0987%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1055693.225
5439000	7/15/1986	7	129	129	1.62	215.73	895	11.0987%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1055693.225
5439000	8/3/1989	8	129	129	1.62	215.73	895	11.0987%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1055693.225
5439000	5/17/1995	5	129	129	1.62	215.73	895	11.0987%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1055693.225
5439000	5/10/1997	5	129	129	1.62	215.73	895	11.0987%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1055693.225
5439000	5/2/1998	5	129	129	1.62	215.73	895	11.0987%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1055693.225
5439000	5/20/2009	5	129	129	1.62	215.73	895	11.0987%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1055693.225
5439000	6/6/2011	6	129	129	1.62	215.73	895	11.0987%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1055693.225
5439000	5/15/2015	5	129	129	1.62	215.73	895	11.0987%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1055693.225
5439000	6/13/2015	6	129	129	1.62	215.73	895	11.0987%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1055693.225
5439000	6/8/1931	6	128	128	1.62	214.11	907	11.2475%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1047779.671
5439000	5/4/1981	5	128	128	1.62	214.11	907	11.2475%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1047779.671
5439000	6/13/1991	6	128	128	1.62	214.11	907	11.2475%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1047779.671
5439000	6/14/1996	6	128	128	1.62	214.11	907	11.2475%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1047779.671
5439000	5/19/1998	5	128	128	1.62	214.11	907	11.2475%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1047779.671
5439000	6/6/1999	6	128	128	1.62	214.11	907	11.2475%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1047779.671
5439000	5/30/2009	5	128	128	1.62	214.11	907	11.2475%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1047779.671
5439000	6/2/2009	6	128	128	1.62	214.11	907	11.2475%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1047779.671
5439000	7/8/2015	7	128	128	1.62	214.11	907	11.2475%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1047779.671
5439000	6/25/1931	6	127	127	1.62	212.49	916	11.3591%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1039866.117
5439000	5/5/1933	5	127	127	1.62	212.49	916	11.3591%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1039866.117
5439000	5/26/1933	5	127	127	1.62	212.49	916	11.3591%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1039866.117
5439000	5/28/1933	5	127	127	1.62	212.49	916	11.3591%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1039866.117
5439000	7/12/1982	7	127	127	1.62	212.49	916	11.3591%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1039866.117
5439000	6/1/1983	6	127	127	1.62	212.49	916	11.3591%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1039866.117
5439000	9/5/1987	9	127	127	1.62	212.49	916	11.3591%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1039866.117
5439000	5/9/1990	5	127	127	1.62	212.49	916	11.3591%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1039866.117
5439000	5/18/1995	5	127	127	1.62	212.49	916	11.3591%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1039866.117

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/5/2000	7	127	127	1.62	212.49	916	11.3591%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1039866.117
5439000	5/21/2003	5	127	127	1.62	212.49	916	11.3591%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1039866.117
5439000	6/17/2009	6	127	127	1.62	212.49	916	11.3591%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1039866.117
5439000	5/10/2012	5	127	127	1.62	212.49	916	11.3591%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1039866.117
5439000	6/15/2013	6	127	127	1.62	212.49	916	11.3591%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1039866.117
5439000	6/2/1987	6	126	126	1.62	210.87	930	11.5327%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1031952.564
5439000	5/19/1999	5	126	126	1.62	210.87	930	11.5327%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1031952.564
5439000	6/1/1999	6	126	126	1.62	210.87	930	11.5327%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1031952.564
5439000	6/9/2004	6	126	126	1.62	210.87	930	11.5327%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1031952.564
5439000	5/13/2009	5	126	126	1.62	210.87	930	11.5327%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1031952.564
5439000	8/6/2010	8	126	126	1.62	210.87	930	11.5327%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1031952.564
5439000	5/20/2011	5	126	126	1.62	210.87	930	11.5327%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1031952.564
5439000	5/3/2013	5	126	126	1.62	210.87	930	11.5327%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1031952.564
5439000	5/29/2015	5	126	126	1.62	210.87	930	11.5327%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1031952.564
5439000	6/2/1982	6	125	125	1.62	209.26	939	11.6443%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1024039.01
5439000	7/6/1982	7	125	125	1.62	209.26	939	11.6443%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1024039.01
5439000	10/27/1986	10	125	125	1.62	209.26	939	11.6443%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1024039.01
5439000	6/16/1996	6	125	125	1.62	209.26	939	11.6443%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1024039.01
5439000	5/9/1999	5	125	125	1.62	209.26	939	11.6443%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1024039.01
5439000	6/29/2010	6	125	125	1.62	209.26	939	11.6443%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1024039.01
5439000	6/26/2014	6	125	125	1.62	209.26	939	11.6443%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1024039.01
5439000	9/17/1926	9	124	124	1.62	207.64	946	11.7312%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1016125.457
5439000	5/12/1927	5	124	124	1.62	207.64	946	11.7312%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1016125.457
5439000	6/2/1984	6	124	124	1.62	207.64	946	11.7312%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1016125.457
5439000	5/19/1990	5	124	124	1.62	207.64	946	11.7312%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1016125.457
5439000	5/1/1995	5	124	124	1.62	207.64	946	11.7312%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1016125.457
5439000	5/19/1995	5	124	124	1.62	207.64	946	11.7312%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1016125.457
5439000	5/16/1998	5	124	124	1.62	207.64	946	11.7312%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1016125.457
5439000	6/19/1999	6	124	124	1.62	207.64	946	11.7312%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1016125.457
5439000	6/11/2008	6	124	124	1.62	207.64	946	11.7312%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1016125.457
5439000	9/28/1980	9	123	123	1.62	206.02	955	11.8428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1008211.903
5439000	5/14/1981	5	123	123	1.62	206.02	955	11.8428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1008211.903
5439000	7/1/1982	7	123	123	1.62	206.02	955	11.8428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1008211.903
5439000	5/14/1983	5	123	123	1.62	206.02	955	11.8428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1008211.903
5439000	6/14/2002	6	123	123	1.62	206.02	955	11.8428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1008211.903
5439000	6/10/2004	6	123	123	1.62	206.02	955	11.8428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1008211.903
5439000	6/2/2007	6	123	123	1.62	206.02	955	11.8428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1008211.903
5439000	9/30/2008	9	123	123	1.62	206.02	955	11.8428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1008211.903
5439000	5/10/2009	5	123	123	1.62	206.02	955	11.8428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1008211.903
5439000	10/29/2009	10	123	123	1.62	206.02	955	11.8428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1008211.903
5439000	6/27/1982	6	122	122	1.62	204.41	965	11.9668%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1000298.349
5439000	7/29/1982	7	122	122	1.62	204.41	965	11.9668%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1000298.349
5439000	5/5/1983	5	122	122	1.62	204.41	965	11.9668%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1000298.349
5439000	5/30/1986	5	122	122	1.62	204.41	965	11.9668%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1000298.349

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/28/1987	5	122	122	1.62	204.41	965	11.9668%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1000298.349
5439000	8/9/1989	8	122	122	1.62	204.41	965	11.9668%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1000298.349
5439000	6/5/1991	6	122	122	1.62	204.41	965	11.9668%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1000298.349
5439000	5/13/1996	5	122	122	1.62	204.41	965	11.9668%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1000298.349
5439000	5/2/2002	5	122	122	1.62	204.41	965	11.9668%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1000298.349
5439000	6/28/2015	6	122	122	1.62	204.41	965	11.9668%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	1000298.349
5439000	10/13/1927	10	121	121	1.62	202.79	975	12.0908%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	992384.7957
5439000	5/19/1928	5	121	121	1.62	202.79	975	12.0908%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	992384.7957
5439000	8/16/1981	8	121	121	1.62	202.79	975	12.0908%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	992384.7957
5439000	5/6/1983	5	121	121	1.62	202.79	975	12.0908%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	992384.7957
5439000	5/26/1986	5	121	121	1.62	202.79	975	12.0908%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	992384.7957
5439000	6/22/1990	6	121	121	1.62	202.79	975	12.0908%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	992384.7957
5439000	10/17/1998	10	121	121	1.62	202.79	975	12.0908%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	992384.7957
5439000	6/21/2000	6	121	121	1.62	202.79	975	12.0908%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	992384.7957
5439000	5/25/2002	5	121	121	1.62	202.79	975	12.0908%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	992384.7957
5439000	8/14/2007	8	121	121	1.62	202.79	975	12.0908%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	992384.7957
5439000	7/21/2008	7	121	121	1.62	202.79	975	12.0908%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	992384.7957
5439000	6/1/2009	6	121	121	1.62	202.79	975	12.0908%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	992384.7957
5439000	5/4/2013	5	121	121	1.62	202.79	975	12.0908%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	992384.7957
5439000	5/30/2015	5	121	121	1.62	202.79	975	12.0908%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	992384.7957
5439000	6/22/1929	6	120	120	1.62	201.17	989	12.2644%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	984471.2421
5439000	7/29/1993	7	120	120	1.62	201.17	989	12.2644%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	984471.2421
5439000	9/18/1993	9	120	120	1.62	201.17	989	12.2644%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	984471.2421
5439000	10/3/1993	10	120	120	1.62	201.17	989	12.2644%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	984471.2421
5439000	5/3/1998	5	120	120	1.62	201.17	989	12.2644%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	984471.2421
5439000	5/3/1999	5	120	120	1.62	201.17	989	12.2644%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	984471.2421
5439000	6/28/2000	6	120	120	1.62	201.17	989	12.2644%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	984471.2421
5439000	6/3/2001	6	120	120	1.62	201.17	989	12.2644%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	984471.2421
5439000	8/12/2007	8	120	120	1.62	201.17	989	12.2644%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	984471.2421
5439000	6/15/2008	6	120	120	1.62	201.17	989	12.2644%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	984471.2421
5439000	5/16/1933	5	119	119	1.62	199.55	999	12.3884%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	976557.6885
5439000	7/10/1933	7	119	119	1.62	199.55	999	12.3884%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	976557.6885
5439000	6/22/1981	6	119	119	1.62	199.55	999	12.3884%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	976557.6885
5439000	5/16/1983	5	119	119	1.62	199.55	999	12.3884%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	976557.6885
5439000	6/23/1990	6	119	119	1.62	199.55	999	12.3884%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	976557.6885
5439000	5/1/1998	5	119	119	1.62	199.55	999	12.3884%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	976557.6885
5439000	6/6/2008	6	119	119	1.62	199.55	999	12.3884%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	976557.6885
5439000	9/29/2008	9	119	119	1.62	199.55	999	12.3884%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	976557.6885
5439000	10/1/1986	10	118	118	1.62	197.94	1007	12.4876%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	968644.1349
5439000	9/17/1987	9	118	118	1.62	197.94	1007	12.4876%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	968644.1349
5439000	5/20/1991	5	118	118	1.62	197.94	1007	12.4876%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	968644.1349
5439000	10/17/1993	10	118	118	1.62	197.94	1007	12.4876%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	968644.1349
5439000	5/5/1998	5	118	118	1.62	197.94	1007	12.4876%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	968644.1349
5439000	5/24/2002	5	118	118	1.62	197.94	1007	12.4876%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	968644.1349

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/11/2004	6	118	118	1.62	197.94	1007	12.4876%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	968644.1349
5439000	6/17/2004	6	118	118	1.62	197.94	1007	12.4876%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	968644.1349
5439000	5/2/2007	5	118	118	1.62	197.94	1007	12.4876%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	968644.1349
5439000	9/25/2008	9	118	118	1.62	197.94	1007	12.4876%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	968644.1349
5439000	7/13/1983	7	117	117	1.62	196.32	1017	12.6116%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	960730.5813
5439000	6/28/1985	6	117	117	1.62	196.32	1017	12.6116%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	960730.5813
5439000	9/11/1989	9	117	117	1.62	196.32	1017	12.6116%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	960730.5813
5439000	6/26/1993	6	117	117	1.62	196.32	1017	12.6116%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	960730.5813
5439000	6/28/1996	6	117	117	1.62	196.32	1017	12.6116%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	960730.5813
5439000	6/3/2009	6	117	117	1.62	196.32	1017	12.6116%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	960730.5813
5439000	6/23/2010	6	117	117	1.62	196.32	1017	12.6116%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	960730.5813
5439000	6/13/2014	6	117	117	1.62	196.32	1017	12.6116%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	960730.5813
5439000	10/11/1926	10	116	116	1.62	194.70	1025	12.7108%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	952817.0277
5439000	5/9/1927	5	116	116	1.62	194.70	1025	12.7108%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	952817.0277
5439000	6/3/1927	6	116	116	1.62	194.70	1025	12.7108%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	952817.0277
5439000	6/5/1980	6	116	116	1.62	194.70	1025	12.7108%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	952817.0277
5439000	9/29/1980	9	116	116	1.62	194.70	1025	12.7108%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	952817.0277
5439000	9/6/1987	9	116	116	1.62	194.70	1025	12.7108%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	952817.0277
5439000	9/14/1989	9	116	116	1.62	194.70	1025	12.7108%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	952817.0277
5439000	5/20/1999	5	116	116	1.62	194.70	1025	12.7108%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	952817.0277
5439000	5/12/2004	5	116	116	1.62	194.70	1025	12.7108%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	952817.0277
5439000	6/4/2007	6	116	116	1.62	194.70	1025	12.7108%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	952817.0277
5439000	7/15/2008	7	116	116	1.62	194.70	1025	12.7108%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	952817.0277
5439000	5/21/2009	5	116	116	1.62	194.70	1025	12.7108%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	952817.0277
5439000	5/2/2011	5	116	116	1.62	194.70	1025	12.7108%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	952817.0277
5439000	5/11/1981	5	115	115	1.62	193.09	1038	12.8720%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	944903.4741
5439000	5/18/1981	5	115	115	1.62	193.09	1038	12.8720%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	944903.4741
5439000	5/22/1990	5	115	115	1.62	193.09	1038	12.8720%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	944903.4741
5439000	6/30/1994	6	115	115	1.62	193.09	1038	12.8720%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	944903.4741
5439000	6/9/1998	6	115	115	1.62	193.09	1038	12.8720%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	944903.4741
5439000	10/27/2008	10	115	115	1.62	193.09	1038	12.8720%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	944903.4741
5439000	6/18/2009	6	115	115	1.62	193.09	1038	12.8720%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	944903.4741
5439000	6/18/2011	6	115	115	1.62	193.09	1038	12.8720%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	944903.4741
5439000	7/8/2014	7	115	115	1.62	193.09	1038	12.8720%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	944903.4741
5439000	6/7/1980	6	114	114	1.62	191.47	1047	12.9836%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	936989.9205
5439000	10/2/1986	10	114	114	1.62	191.47	1047	12.9836%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	936989.9205
5439000	6/14/1994	6	114	114	1.62	191.47	1047	12.9836%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	936989.9205
5439000	8/13/1996	8	114	114	1.62	191.47	1047	12.9836%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	936989.9205
5439000	5/11/1999	5	114	114	1.62	191.47	1047	12.9836%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	936989.9205
5439000	6/7/1999	6	114	114	1.62	191.47	1047	12.9836%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	936989.9205
5439000	5/30/2008	5	114	114	1.62	191.47	1047	12.9836%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	936989.9205
5439000	10/24/2008	10	114	114	1.62	191.47	1047	12.9836%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	936989.9205
5439000	10/11/1927	10	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	6/24/1928	6	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/8/1928	7	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	5/2/1929	5	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	5/24/1929	5	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	7/12/1929	7	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	10/20/1980	10	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	6/2/1983	6	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	9/7/1987	9	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	9/13/1989	9	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	5/10/1993	5	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	7/4/1993	7	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	10/18/1993	10	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	8/13/1994	8	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	6/8/1995	6	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	6/15/1996	6	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	8/3/1996	8	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	6/5/2000	6	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	5/18/2003	5	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	9/6/2007	9	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	6/29/2015	6	113	113	1.62	189.85	1055	13.0828%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	929076.3669
5439000	5/13/1981	5	112	112	1.62	188.23	1076	13.3433%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	921162.8133
5439000	10/20/1981	10	112	112	1.62	188.23	1076	13.3433%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	921162.8133
5439000	5/7/1983	5	112	112	1.62	188.23	1076	13.3433%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	921162.8133
5439000	5/31/1986	5	112	112	1.62	188.23	1076	13.3433%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	921162.8133
5439000	9/18/1987	9	112	112	1.62	188.23	1076	13.3433%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	921162.8133
5439000	5/8/1990	5	112	112	1.62	188.23	1076	13.3433%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	921162.8133
5439000	5/11/1997	5	112	112	1.62	188.23	1076	13.3433%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	921162.8133
5439000	5/10/1999	5	112	112	1.62	188.23	1076	13.3433%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	921162.8133
5439000	6/4/2000	6	112	112	1.62	188.23	1076	13.3433%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	921162.8133
5439000	5/3/2003	5	112	112	1.62	188.23	1076	13.3433%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	921162.8133
5439000	7/24/2007	7	112	112	1.62	188.23	1076	13.3433%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	921162.8133
5439000	8/15/2007	8	112	112	1.62	188.23	1076	13.3433%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	921162.8133
5439000	5/16/2008	5	112	112	1.62	188.23	1076	13.3433%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	921162.8133
5439000	5/11/2009	5	112	112	1.62	188.23	1076	13.3433%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	921162.8133
5439000	5/20/2010	5	112	112	1.62	188.23	1076	13.3433%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	921162.8133
5439000	6/7/2011	6	112	112	1.62	188.23	1076	13.3433%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	921162.8133
5439000	6/7/1932	6	111	111	1.62	186.62	1092	13.5417%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	913249.2597
5439000	5/20/1933	5	111	111	1.62	186.62	1092	13.5417%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	913249.2597
5439000	5/21/1933	5	111	111	1.62	186.62	1092	13.5417%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	913249.2597
5439000	7/5/1933	7	111	111	1.62	186.62	1092	13.5417%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	913249.2597
5439000	6/8/1980	6	111	111	1.62	186.62	1092	13.5417%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	913249.2597
5439000	5/18/1990	5	111	111	1.62	186.62	1092	13.5417%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	913249.2597
5439000	6/20/1999	6	111	111	1.62	186.62	1092	13.5417%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	913249.2597
5439000	5/31/2003	5	111	111	1.62	186.62	1092	13.5417%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	913249.2597
5439000	5/31/2009	5	111	111	1.62	186.62	1092	13.5417%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	913249.2597

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/21/2009	6	111	111	1.62	186.62	1092	13.5417%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	913249.2597
5439000	6/21/2010	6	111	111	1.62	186.62	1092	13.5417%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	913249.2597
5439000	5/19/2015	5	111	111	1.62	186.62	1092	13.5417%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	913249.2597
5439000	5/5/1981	5	110	110	1.62	185.00	1104	13.6905%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	905335.7061
5439000	7/21/1989	7	110	110	1.62	185.00	1104	13.6905%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	905335.7061
5439000	5/4/1998	5	110	110	1.62	185.00	1104	13.6905%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	905335.7061
5439000	5/4/1999	5	110	110	1.62	185.00	1104	13.6905%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	905335.7061
5439000	5/13/2000	5	110	110	1.62	185.00	1104	13.6905%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	905335.7061
5439000	6/9/2001	6	110	110	1.62	185.00	1104	13.6905%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	905335.7061
5439000	9/19/2001	9	110	110	1.62	185.00	1104	13.6905%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	905335.7061
5439000	9/7/2007	9	110	110	1.62	185.00	1104	13.6905%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	905335.7061
5439000	8/29/2009	8	110	110	1.62	185.00	1104	13.6905%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	905335.7061
5439000	5/5/2013	5	110	110	1.62	185.00	1104	13.6905%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	905335.7061
5439000	7/2/1982	7	109	109	1.62	183.38	1114	13.8145%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	897422.1524
5439000	9/1/1993	9	109	109	1.62	183.38	1114	13.8145%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	897422.1524
5439000	5/20/1998	5	109	109	1.62	183.38	1114	13.8145%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	897422.1524
5439000	6/17/1998	6	109	109	1.62	183.38	1114	13.8145%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	897422.1524
5439000	5/21/1999	5	109	109	1.62	183.38	1114	13.8145%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	897422.1524
5439000	6/15/2002	6	109	109	1.62	183.38	1114	13.8145%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	897422.1524
5439000	5/31/2015	5	109	109	1.62	183.38	1114	13.8145%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	897422.1524
5439000	6/20/1926	6	108	108	1.62	181.77	1121	13.9013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	889508.5988
5439000	8/20/1926	8	108	108	1.62	181.77	1121	13.9013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	889508.5988
5439000	10/12/1926	10	108	108	1.62	181.77	1121	13.9013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	889508.5988
5439000	5/4/1927	5	108	108	1.62	181.77	1121	13.9013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	889508.5988
5439000	5/13/1927	5	108	108	1.62	181.77	1121	13.9013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	889508.5988
5439000	6/7/1927	6	108	108	1.62	181.77	1121	13.9013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	889508.5988
5439000	8/24/1980	8	108	108	1.62	181.77	1121	13.9013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	889508.5988
5439000	10/25/1985	10	108	108	1.62	181.77	1121	13.9013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	889508.5988
5439000	5/11/1993	5	108	108	1.62	181.77	1121	13.9013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	889508.5988
5439000	5/20/1995	5	108	108	1.62	181.77	1121	13.9013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	889508.5988
5439000	5/25/1997	5	108	108	1.62	181.77	1121	13.9013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	889508.5988
5439000	5/17/1998	5	108	108	1.62	181.77	1121	13.9013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	889508.5988
5439000	6/16/2008	6	108	108	1.62	181.77	1121	13.9013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	889508.5988
5439000	7/11/2008	7	108	108	1.62	181.77	1121	13.9013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	889508.5988
5439000	5/21/2011	5	108	108	1.62	181.77	1121	13.9013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	889508.5988
5439000	7/5/2013	7	108	108	1.62	181.77	1121	13.9013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	889508.5988
5439000	9/30/1980	9	107	107	1.62	180.15	1137	14.0997%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	881595.0452
5439000	5/26/1990	5	107	107	1.62	180.15	1137	14.0997%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	881595.0452
5439000	8/23/1990	8	107	107	1.62	180.15	1137	14.0997%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	881595.0452
5439000	5/5/1999	5	107	107	1.62	180.15	1137	14.0997%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	881595.0452
5439000	7/15/2014	7	107	107	1.62	180.15	1137	14.0997%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	881595.0452
5439000	5/16/1929	5	106	106	1.62	178.53	1142	14.1617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	873681.4916
5439000	7/1/1929	7	106	106	1.62	178.53	1142	14.1617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	873681.4916
5439000	6/1/1981	6	106	106	1.62	178.53	1142	14.1617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	873681.4916

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/3/1983	6	106	106	1.62	178.53	1142	14.1617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	873681.4916
5439000	8/29/1993	8	106	106	1.62	178.53	1142	14.1617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	873681.4916
5439000	5/22/2003	5	106	106	1.62	178.53	1142	14.1617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	873681.4916
5439000	6/8/2011	6	106	106	1.62	178.53	1142	14.1617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	873681.4916
5439000	5/11/2012	5	106	106	1.62	178.53	1142	14.1617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	873681.4916
5439000	5/1/2013	5	106	106	1.62	178.53	1142	14.1617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	873681.4916
5439000	6/20/1928	6	105	105	1.62	176.91	1151	14.2733%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	865767.938
5439000	7/19/1928	7	105	105	1.62	176.91	1151	14.2733%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	865767.938
5439000	7/24/1928	7	105	105	1.62	176.91	1151	14.2733%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	865767.938
5439000	8/5/1928	8	105	105	1.62	176.91	1151	14.2733%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	865767.938
5439000	5/29/1987	5	105	105	1.62	176.91	1151	14.2733%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	865767.938
5439000	7/2/1990	7	105	105	1.62	176.91	1151	14.2733%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	865767.938
5439000	6/18/1998	6	105	105	1.62	176.91	1151	14.2733%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	865767.938
5439000	6/29/2000	6	105	105	1.62	176.91	1151	14.2733%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	865767.938
5439000	5/8/2003	5	105	105	1.62	176.91	1151	14.2733%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	865767.938
5439000	5/19/2003	5	105	105	1.62	176.91	1151	14.2733%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	865767.938
5439000	6/27/2014	6	105	105	1.62	176.91	1151	14.2733%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	865767.938
5439000	6/30/2015	6	105	105	1.62	176.91	1151	14.2733%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	865767.938
5439000	5/17/1983	5	104	104	1.62	175.30	1163	14.4221%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	857854.3844
5439000	6/15/1983	6	104	104	1.62	175.30	1163	14.4221%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	857854.3844
5439000	6/3/1984	6	104	104	1.62	175.30	1163	14.4221%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	857854.3844
5439000	5/2/1995	5	104	104	1.62	175.30	1163	14.4221%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	857854.3844
5439000	5/22/1999	5	104	104	1.62	175.30	1163	14.4221%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	857854.3844
5439000	7/13/2000	7	104	104	1.62	175.30	1163	14.4221%	Fecal	2830	cfu/100ml	200	283.2	12138639.54	857854.3844
5439000	5/3/2002	5	104	104	1.62	175.30	1163	14.4221%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	857854.3844
5439000	5/26/2002	5	104	104	1.62	175.30	1163	14.4221%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	857854.3844
5439000	5/3/2007	5	104	104	1.62	175.30	1163	14.4221%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	857854.3844
5439000	6/5/2007	6	104	104	1.62	175.30	1163	14.4221%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	857854.3844
5439000	7/13/2007	7	104	104	1.62	175.30	1163	14.4221%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	857854.3844
5439000	10/8/2008	10	104	104	1.62	175.30	1163	14.4221%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	857854.3844
5439000	6/4/2009	6	104	104	1.62	175.30	1163	14.4221%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	857854.3844
5439000	6/18/2014	6	104	104	1.62	175.30	1163	14.4221%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	857854.3844
5439000	5/8/1932	5	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	5/17/1933	5	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	5/29/1933	5	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	6/6/1980	6	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	6/24/1981	6	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	7/16/1986	7	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	7/19/1989	7	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	6/6/1991	6	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	7/5/1993	7	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	8/25/1993	8	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	8/5/1996	8	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	5/18/1998	5	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/20/1998	6	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	10/21/1998	10	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	6/18/2004	6	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	6/14/2008	6	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	9/26/2008	9	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	5/12/2009	5	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	5/26/2009	5	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	5/21/2010	5	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	6/19/2011	6	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	7/15/2015	7	103	103	1.62	173.68	1177	14.5957%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	849940.8308
5439000	9/4/1980	9	102	102	1.62	172.06	1199	14.8686%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	842027.2772
5439000	9/8/1987	9	102	102	1.62	172.06	1199	14.8686%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	842027.2772
5439000	10/19/1993	10	102	102	1.62	172.06	1199	14.8686%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	842027.2772
5439000	6/29/1996	6	102	102	1.62	172.06	1199	14.8686%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	842027.2772
5439000	6/8/1999	6	102	102	1.62	172.06	1199	14.8686%	Fecal	340	cfu/100ml	200	283.2	1431446.371	842027.2772
5439000	6/22/1999	6	102	102	1.62	172.06	1199	14.8686%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	842027.2772
5439000	6/22/2000	6	102	102	1.62	172.06	1199	14.8686%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	842027.2772
5439000	6/12/2008	6	102	102	1.62	172.06	1199	14.8686%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	842027.2772
5439000	5/23/2009	5	102	102	1.62	172.06	1199	14.8686%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	842027.2772
5439000	5/3/2011	5	102	102	1.62	172.06	1199	14.8686%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	842027.2772
5439000	5/19/1981	5	101	101	1.62	170.45	1209	14.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	834113.7236
5439000	6/3/1982	6	101	101	1.62	170.45	1209	14.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	834113.7236
5439000	5/19/1983	5	101	101	1.62	170.45	1209	14.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	834113.7236
5439000	5/25/1990	5	101	101	1.62	170.45	1209	14.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	834113.7236
5439000	6/18/1990	6	101	101	1.62	170.45	1209	14.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	834113.7236
5439000	6/12/1991	6	101	101	1.62	170.45	1209	14.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	834113.7236
5439000	5/14/1996	5	101	101	1.62	170.45	1209	14.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	834113.7236
5439000	10/13/1926	10	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	5/23/1927	5	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	6/22/1927	6	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	10/1/1980	10	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	9/29/1981	9	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	7/13/1982	7	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	7/14/1983	7	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	6/6/1984	6	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	5/25/1989	5	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	5/23/1990	5	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	6/14/1990	6	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	5/21/1991	5	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	5/12/1993	5	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	6/21/1999	6	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	6/23/1999	6	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	6/23/2000	6	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	5/27/2002	5	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/11/2006	6	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	5/22/2009	5	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	5/22/2011	5	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	6/20/2011	6	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	5/2/2013	5	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	7/6/2015	7	100	100	1.62	168.83	1216	15.0794%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	826200.17
5439000	5/3/1929	5	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	6/23/1929	6	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	10/21/1980	10	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	7/30/1982	7	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	6/28/1983	6	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	5/22/1984	5	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	9/12/1989	9	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	5/27/1990	5	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	6/9/1995	6	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	5/17/2008	5	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	5/28/2008	5	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	6/7/2008	6	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	6/8/2008	6	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	6/25/2009	6	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	5/7/2010	5	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	5/6/2013	5	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	6/16/2013	6	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	6/12/2015	6	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	7/9/2015	7	99	99	1.62	167.21	1239	15.3646%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	818286.6164
5439000	7/21/1980	7	98	98	1.62	165.60	1258	15.6002%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	810373.0628
5439000	6/29/1983	6	98	98	1.62	165.60	1258	15.6002%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	810373.0628
5439000	6/30/1985	6	98	98	1.62	165.60	1258	15.6002%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	810373.0628
5439000	6/1/1986	6	98	98	1.62	165.60	1258	15.6002%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	810373.0628
5439000	10/6/1986	10	98	98	1.62	165.60	1258	15.6002%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	810373.0628
5439000	6/11/1987	6	98	98	1.62	165.60	1258	15.6002%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	810373.0628
5439000	9/15/1989	9	98	98	1.62	165.60	1258	15.6002%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	810373.0628
5439000	5/21/1998	5	98	98	1.62	165.60	1258	15.6002%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	810373.0628
5439000	7/9/1998	7	98	98	1.62	165.60	1258	15.6002%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	810373.0628
5439000	7/6/2000	7	98	98	1.62	165.60	1258	15.6002%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	810373.0628
5439000	6/16/2002	6	98	98	1.62	165.60	1258	15.6002%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	810373.0628
5439000	6/5/2009	6	98	98	1.62	165.60	1258	15.6002%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	810373.0628
5439000	5/23/2011	5	98	98	1.62	165.60	1258	15.6002%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	810373.0628
5439000	6/29/2014	6	98	98	1.62	165.60	1258	15.6002%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	810373.0628
5439000	5/20/2015	5	98	98	1.62	165.60	1258	15.6002%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	810373.0628
5439000	6/1/2015	6	98	98	1.62	165.60	1258	15.6002%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	810373.0628
5439000	6/23/1981	6	97	97	1.62	163.98	1274	15.7986%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	802459.5092
5439000	6/27/1983	6	97	97	1.62	163.98	1274	15.7986%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	802459.5092
5439000	8/10/1989	8	97	97	1.62	163.98	1274	15.7986%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	802459.5092

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/19/1993	9	97	97	1.62	163.98	1274	15.7986%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	802459.5092
5439000	5/26/1997	5	97	97	1.62	163.98	1274	15.7986%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	802459.5092
5439000	5/25/2006	5	97	97	1.62	163.98	1274	15.7986%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	802459.5092
5439000	5/4/2007	5	97	97	1.62	163.98	1274	15.7986%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	802459.5092
5439000	10/1/2008	10	97	97	1.62	163.98	1274	15.7986%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	802459.5092
5439000	10/28/2008	10	97	97	1.62	163.98	1274	15.7986%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	802459.5092
5439000	7/26/2010	7	97	97	1.62	163.98	1274	15.7986%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	802459.5092
5439000	7/16/2015	7	97	97	1.62	163.98	1274	15.7986%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	802459.5092
5439000	6/7/1931	6	96	96	1.62	162.36	1285	15.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	794545.9556
5439000	6/9/1984	6	96	96	1.62	162.36	1285	15.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	794545.9556
5439000	6/15/1984	6	96	96	1.62	162.36	1285	15.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	794545.9556
5439000	6/15/1986	6	96	96	1.62	162.36	1285	15.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	794545.9556
5439000	5/7/1991	5	96	96	1.62	162.36	1285	15.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	794545.9556
5439000	8/4/1996	8	96	96	1.62	162.36	1285	15.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	794545.9556
5439000	8/14/1996	8	96	96	1.62	162.36	1285	15.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	794545.9556
5439000	5/12/1997	5	96	96	1.62	162.36	1285	15.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	794545.9556
5439000	6/9/1999	6	96	96	1.62	162.36	1285	15.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	794545.9556
5439000	6/1/2001	6	96	96	1.62	162.36	1285	15.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	794545.9556
5439000	5/28/2002	5	96	96	1.62	162.36	1285	15.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	794545.9556
5439000	5/8/2010	5	96	96	1.62	162.36	1285	15.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	794545.9556
5439000	6/21/2011	6	96	96	1.62	162.36	1285	15.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	794545.9556
5439000	5/19/1933	5	95	95	1.62	160.74	1298	16.0962%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	786632.402
5439000	5/18/1983	5	95	95	1.62	160.74	1298	16.0962%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	786632.402
5439000	6/4/1983	6	95	95	1.62	160.74	1298	16.0962%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	786632.402
5439000	5/1/1984	5	95	95	1.62	160.74	1298	16.0962%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	786632.402
5439000	6/15/1990	6	95	95	1.62	160.74	1298	16.0962%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	786632.402
5439000	5/22/1991	5	95	95	1.62	160.74	1298	16.0962%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	786632.402
5439000	10/20/1993	10	95	95	1.62	160.74	1298	16.0962%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	786632.402
5439000	5/23/1999	5	95	95	1.62	160.74	1298	16.0962%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	786632.402
5439000	6/10/2001	6	95	95	1.62	160.74	1298	16.0962%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	786632.402
5439000	6/10/2006	6	95	95	1.62	160.74	1298	16.0962%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	786632.402
5439000	8/21/2014	8	95	95	1.62	160.74	1298	16.0962%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	786632.402
5439000	7/19/2015	7	95	95	1.62	160.74	1298	16.0962%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	786632.402
5439000	10/14/1927	10	94	94	1.62	159.13	1310	16.2450%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	778718.8484
5439000	6/4/1984	6	94	94	1.62	159.13	1310	16.2450%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	778718.8484
5439000	6/17/1990	6	94	94	1.62	159.13	1310	16.2450%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	778718.8484
5439000	7/30/1993	7	94	94	1.62	159.13	1310	16.2450%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	778718.8484
5439000	6/4/2001	6	94	94	1.62	159.13	1310	16.2450%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	778718.8484
5439000	5/29/2002	5	94	94	1.62	159.13	1310	16.2450%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	778718.8484
5439000	5/4/2003	5	94	94	1.62	159.13	1310	16.2450%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	778718.8484
5439000	5/23/2003	5	94	94	1.62	159.13	1310	16.2450%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	778718.8484
5439000	5/24/2009	5	94	94	1.62	159.13	1310	16.2450%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	778718.8484
5439000	5/5/1927	5	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	5/14/1927	5	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/8/1927	6	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	10/2/1980	10	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	5/6/1981	5	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	10/28/1986	10	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	9/19/1987	9	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	7/22/1989	7	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	5/5/1991	5	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	10/21/1993	10	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	5/20/1997	5	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	6/6/2000	6	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	8/22/2002	8	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	6/21/2004	6	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	6/1/2008	6	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	6/6/2009	6	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	6/30/2010	6	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	5/4/2011	5	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	7/9/2014	7	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	7/12/2014	7	93	93	1.62	157.51	1319	16.3566%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	770805.2948
5439000	10/1/1981	10	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	5/8/1983	5	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	6/13/1984	6	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	6/6/1989	6	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	5/16/1991	5	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	5/17/1991	5	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	7/6/1993	7	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	5/21/1995	5	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	5/9/1996	5	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	5/22/1998	5	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	6/10/1999	6	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	10/26/2001	10	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	5/4/2002	5	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	5/30/2002	5	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	5/1/2006	5	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	9/8/2007	9	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	10/9/2008	10	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	10/29/2008	10	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	7/1/2015	7	92	92	1.62	155.89	1339	16.6047%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	762891.7412
5439000	7/3/1931	7	91	91	1.62	154.28	1358	16.8403%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	754978.1876
5439000	5/18/1933	5	91	91	1.62	154.28	1358	16.8403%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	754978.1876
5439000	5/22/1933	5	91	91	1.62	154.28	1358	16.8403%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	754978.1876
5439000	9/30/1986	9	91	91	1.62	154.28	1358	16.8403%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	754978.1876
5439000	5/28/1990	5	91	91	1.62	154.28	1358	16.8403%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	754978.1876
5439000	5/13/1993	5	91	91	1.62	154.28	1358	16.8403%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	754978.1876
5439000	7/1/1994	7	91	91	1.62	154.28	1358	16.8403%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	754978.1876

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/10/1995	6	91	91	1.62	154.28	1358	16.8403%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	754978.1876
5439000	5/3/1997	5	91	91	1.62	154.28	1358	16.8403%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	754978.1876
5439000	7/5/1998	7	91	91	1.62	154.28	1358	16.8403%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	754978.1876
5439000	6/17/2002	6	91	91	1.62	154.28	1358	16.8403%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	754978.1876
5439000	6/1/2013	6	91	91	1.62	154.28	1358	16.8403%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	754978.1876
5439000	6/21/1926	6	90	90	1.62	152.66	1370	16.9891%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	747064.634
5439000	10/14/1926	10	90	90	1.62	152.66	1370	16.9891%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	747064.634
5439000	5/20/1981	5	90	90	1.62	152.66	1370	16.9891%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	747064.634
5439000	9/9/1987	9	90	90	1.62	152.66	1370	16.9891%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	747064.634
5439000	9/3/1989	9	90	90	1.62	152.66	1370	16.9891%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	747064.634
5439000	8/12/1990	8	90	90	1.62	152.66	1370	16.9891%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	747064.634
5439000	6/7/1991	6	90	90	1.62	152.66	1370	16.9891%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	747064.634
5439000	10/4/1993	10	90	90	1.62	152.66	1370	16.9891%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	747064.634
5439000	10/10/1993	10	90	90	1.62	152.66	1370	16.9891%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	747064.634
5439000	5/4/1997	5	90	90	1.62	152.66	1370	16.9891%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	747064.634
5439000	6/24/1999	6	90	90	1.62	152.66	1370	16.9891%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	747064.634
5439000	6/30/2000	6	90	90	1.62	152.66	1370	16.9891%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	747064.634
5439000	5/31/2002	5	90	90	1.62	152.66	1370	16.9891%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	747064.634
5439000	6/27/2006	6	90	90	1.62	152.66	1370	16.9891%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	747064.634
5439000	5/25/2009	5	90	90	1.62	152.66	1370	16.9891%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	747064.634
5439000	5/12/2012	5	90	90	1.62	152.66	1370	16.9891%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	747064.634
5439000	7/6/2013	7	90	90	1.62	152.66	1370	16.9891%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	747064.634
5439000	6/2/2015	6	90	90	1.62	152.66	1370	16.9891%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	747064.634
5439000	6/2/1981	6	89	89	1.62	151.04	1388	17.2123%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	739151.0804
5439000	5/24/1990	5	89	89	1.62	151.04	1388	17.2123%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	739151.0804
5439000	9/20/1993	9	89	89	1.62	151.04	1388	17.2123%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	739151.0804
5439000	5/24/1999	5	89	89	1.62	151.04	1388	17.2123%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	739151.0804
5439000	6/19/2004	6	89	89	1.62	151.04	1388	17.2123%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	739151.0804
5439000	9/27/2008	9	89	89	1.62	151.04	1388	17.2123%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	739151.0804
5439000	5/5/2011	5	89	89	1.62	151.04	1388	17.2123%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	739151.0804
5439000	5/6/2011	5	89	89	1.62	151.04	1388	17.2123%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	739151.0804
5439000	5/4/2015	5	89	89	1.62	151.04	1388	17.2123%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	739151.0804
5439000	5/21/2015	5	89	89	1.62	151.04	1388	17.2123%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	739151.0804
5439000	5/4/1929	5	88	88	1.62	149.42	1398	17.3363%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	731237.5268
5439000	6/24/1929	6	88	88	1.62	149.42	1398	17.3363%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	731237.5268
5439000	8/25/1980	8	88	88	1.62	149.42	1398	17.3363%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	731237.5268
5439000	5/1/1983	5	88	88	1.62	149.42	1398	17.3363%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	731237.5268
5439000	6/15/1987	6	88	88	1.62	149.42	1398	17.3363%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	731237.5268
5439000	5/3/1995	5	88	88	1.62	149.42	1398	17.3363%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	731237.5268
5439000	8/15/1996	8	88	88	1.62	149.42	1398	17.3363%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	731237.5268
5439000	9/29/1999	9	88	88	1.62	149.42	1398	17.3363%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	731237.5268
5439000	5/5/2007	5	88	88	1.62	149.42	1398	17.3363%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	731237.5268
5439000	7/27/2007	7	88	88	1.62	149.42	1398	17.3363%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	731237.5268
5439000	6/7/2009	6	88	88	1.62	149.42	1398	17.3363%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	731237.5268

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/22/2010	5	88	88	1.62	149.42	1398	17.3363%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	731237.5268
5439000	6/28/2014	6	88	88	1.62	149.42	1398	17.3363%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	731237.5268
5439000	7/2/1931	7	87	87	1.62	147.81	1411	17.4975%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	723323.9732
5439000	7/15/1983	7	87	87	1.62	147.81	1411	17.4975%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	723323.9732
5439000	5/2/1984	5	87	87	1.62	147.81	1411	17.4975%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	723323.9732
5439000	5/3/1984	5	87	87	1.62	147.81	1411	17.4975%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	723323.9732
5439000	6/5/1984	6	87	87	1.62	147.81	1411	17.4975%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	723323.9732
5439000	6/24/1990	6	87	87	1.62	147.81	1411	17.4975%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	723323.9732
5439000	5/15/1996	5	87	87	1.62	147.81	1411	17.4975%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	723323.9732
5439000	6/30/1996	6	87	87	1.62	147.81	1411	17.4975%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	723323.9732
5439000	6/21/1998	6	87	87	1.62	147.81	1411	17.4975%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	723323.9732
5439000	6/11/2000	6	87	87	1.62	147.81	1411	17.4975%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	723323.9732
5439000	5/1/2002	5	87	87	1.62	147.81	1411	17.4975%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	723323.9732
5439000	5/5/2002	5	87	87	1.62	147.81	1411	17.4975%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	723323.9732
5439000	6/26/2009	6	87	87	1.62	147.81	1411	17.4975%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	723323.9732
5439000	5/26/2010	5	87	87	1.62	147.81	1411	17.4975%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	723323.9732
5439000	6/13/2010	6	87	87	1.62	147.81	1411	17.4975%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	723323.9732
5439000	6/22/2011	6	87	87	1.62	147.81	1411	17.4975%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	723323.9732
5439000	5/31/2013	5	87	87	1.62	147.81	1411	17.4975%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	723323.9732
5439000	5/3/2015	5	87	87	1.62	147.81	1411	17.4975%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	723323.9732
5439000	9/18/1926	9	86	86	1.62	146.19	1429	17.7207%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	715410.4196
5439000	6/27/1928	6	86	86	1.62	146.19	1429	17.7207%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	715410.4196
5439000	7/25/1928	7	86	86	1.62	146.19	1429	17.7207%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	715410.4196
5439000	6/9/1931	6	86	86	1.62	146.19	1429	17.7207%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	715410.4196
5439000	10/3/1980	10	86	86	1.62	146.19	1429	17.7207%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	715410.4196
5439000	10/22/1980	10	86	86	1.62	146.19	1429	17.7207%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	715410.4196
5439000	5/13/1983	5	86	86	1.62	146.19	1429	17.7207%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	715410.4196
5439000	6/16/1986	6	86	86	1.62	146.19	1429	17.7207%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	715410.4196
5439000	5/30/1987	5	86	86	1.62	146.19	1429	17.7207%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	715410.4196
5439000	9/11/1992	9	86	86	1.62	146.19	1429	17.7207%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	715410.4196
5439000	9/2/1993	9	86	86	1.62	146.19	1429	17.7207%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	715410.4196
5439000	5/18/2008	5	86	86	1.62	146.19	1429	17.7207%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	715410.4196
5439000	6/22/2010	6	86	86	1.62	146.19	1429	17.7207%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	715410.4196
5439000	5/7/2013	5	86	86	1.62	146.19	1429	17.7207%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	715410.4196
5439000	6/25/1981	6	85	85	1.62	144.57	1443	17.8943%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	707496.866
5439000	10/21/1981	10	85	85	1.62	144.57	1443	17.8943%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	707496.866
5439000	6/4/1982	6	85	85	1.62	144.57	1443	17.8943%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	707496.866
5439000	6/5/1983	6	85	85	1.62	144.57	1443	17.8943%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	707496.866
5439000	7/3/1990	7	85	85	1.62	144.57	1443	17.8943%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	707496.866
5439000	5/5/1997	5	85	85	1.62	144.57	1443	17.8943%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	707496.866
5439000	6/25/1997	6	85	85	1.62	144.57	1443	17.8943%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	707496.866
5439000	5/23/1998	5	85	85	1.62	144.57	1443	17.8943%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	707496.866
5439000	7/21/1999	7	85	85	1.62	144.57	1443	17.8943%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	707496.866
5439000	5/6/2002	5	85	85	1.62	144.57	1443	17.8943%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	707496.866

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/2/2006	5	85	85	1.62	144.57	1443	17.8943%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	707496.866
5439000	7/25/2007	7	85	85	1.62	144.57	1443	17.8943%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	707496.866
5439000	8/7/2010	8	85	85	1.62	144.57	1443	17.8943%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	707496.866
5439000	7/8/2013	7	85	85	1.62	144.57	1443	17.8943%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	707496.866
5439000	7/16/2014	7	85	85	1.62	144.57	1443	17.8943%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	707496.866
5439000	5/22/2015	5	85	85	1.62	144.57	1443	17.8943%	Fecal	41	cfu/100ml	200	283.2	145036.8575	707496.866
5439000	6/9/1980	6	84	84	1.62	142.96	1459	18.0928%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	699583.3124
5439000	5/7/1981	5	84	84	1.62	142.96	1459	18.0928%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	699583.3124
5439000	5/9/1983	5	84	84	1.62	142.96	1459	18.0928%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	699583.3124
5439000	9/16/1989	9	84	84	1.62	142.96	1459	18.0928%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	699583.3124
5439000	7/22/1990	7	84	84	1.62	142.96	1459	18.0928%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	699583.3124
5439000	5/13/1997	5	84	84	1.62	142.96	1459	18.0928%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	699583.3124
5439000	7/2/2000	7	84	84	1.62	142.96	1459	18.0928%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	699583.3124
5439000	6/11/2001	6	84	84	1.62	142.96	1459	18.0928%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	699583.3124
5439000	6/3/2002	6	84	84	1.62	142.96	1459	18.0928%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	699583.3124
5439000	9/9/2007	9	84	84	1.62	142.96	1459	18.0928%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	699583.3124
5439000	6/21/2013	6	84	84	1.62	142.96	1459	18.0928%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	699583.3124
5439000	5/24/2015	5	84	84	1.62	142.96	1459	18.0928%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	699583.3124
5439000	6/19/1928	6	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	7/3/1928	7	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	7/9/1928	7	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	5/9/1932	5	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	7/6/1933	7	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	6/10/1984	6	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	7/17/1986	7	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	6/3/1987	6	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	9/20/1987	9	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	5/23/1991	5	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	6/15/1994	6	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	7/17/1996	7	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	5/24/1998	5	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	5/31/2000	5	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	7/14/2000	7	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	6/1/2002	6	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	6/22/2004	6	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	8/13/2007	8	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	5/29/2008	5	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	5/7/2011	5	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	5/24/2011	5	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	6/3/2015	6	83	83	1.62	141.34	1471	18.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	691669.7588
5439000	9/22/1926	9	82	82	1.62	139.72	1493	18.5144%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	683756.2051
5439000	5/6/1927	5	82	82	1.62	139.72	1493	18.5144%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	683756.2051
5439000	5/15/1927	5	82	82	1.62	139.72	1493	18.5144%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	683756.2051
5439000	5/17/1929	5	82	82	1.62	139.72	1493	18.5144%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	683756.2051

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/25/1929	5	82	82	1.62	139.72	1493	18.5144%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	683756.2051
5439000	10/24/1980	10	82	82	1.62	139.72	1493	18.5144%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	683756.2051
5439000	7/14/1982	7	82	82	1.62	139.72	1493	18.5144%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	683756.2051
5439000	5/20/1983	5	82	82	1.62	139.72	1493	18.5144%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	683756.2051
5439000	6/20/1990	6	82	82	1.62	139.72	1493	18.5144%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	683756.2051
5439000	5/22/1995	5	82	82	1.62	139.72	1493	18.5144%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	683756.2051
5439000	5/7/1997	5	82	82	1.62	139.72	1493	18.5144%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	683756.2051
5439000	5/14/2000	5	82	82	1.62	139.72	1493	18.5144%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	683756.2051
5439000	5/24/2003	5	82	82	1.62	139.72	1493	18.5144%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	683756.2051
5439000	6/17/2008	6	82	82	1.62	139.72	1493	18.5144%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	683756.2051
5439000	6/14/2014	6	82	82	1.62	139.72	1493	18.5144%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	683756.2051
5439000	7/2/2015	7	82	82	1.62	139.72	1493	18.5144%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	683756.2051
5439000	10/4/1980	10	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	5/21/1981	5	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	6/2/1986	6	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	9/10/1987	9	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	9/29/1987	9	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	5/29/1990	5	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	6/14/1991	6	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	5/14/1993	5	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	7/31/1993	7	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	6/11/1995	6	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	5/25/1999	5	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	8/7/2000	8	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	5/9/2002	5	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	6/18/2002	6	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	6/20/2004	6	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	10/2/2008	10	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	6/14/2010	6	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	6/23/2011	6	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	6/17/2013	6	81	81	1.62	138.10	1509	18.7128%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	675842.6515
5439000	10/15/1927	10	80	80	1.62	136.49	1528	18.9484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	667929.0979
5439000	6/22/1928	6	80	80	1.62	136.49	1528	18.9484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	667929.0979
5439000	6/28/1928	6	80	80	1.62	136.49	1528	18.9484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	667929.0979
5439000	6/29/1928	6	80	80	1.62	136.49	1528	18.9484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	667929.0979
5439000	5/5/1929	5	80	80	1.62	136.49	1528	18.9484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	667929.0979
5439000	9/5/1980	9	80	80	1.62	136.49	1528	18.9484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	667929.0979
5439000	5/8/1981	5	80	80	1.62	136.49	1528	18.9484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	667929.0979
5439000	7/31/1982	7	80	80	1.62	136.49	1528	18.9484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	667929.0979
5439000	6/1/1987	6	80	80	1.62	136.49	1528	18.9484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	667929.0979
5439000	6/19/1990	6	80	80	1.62	136.49	1528	18.9484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	667929.0979
5439000	8/23/1993	8	80	80	1.62	136.49	1528	18.9484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	667929.0979
5439000	6/2/2002	6	80	80	1.62	136.49	1528	18.9484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	667929.0979
5439000	6/1/2003	6	80	80	1.62	136.49	1528	18.9484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	667929.0979

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/6/2007	6	80	80	1.62	136.49	1528	18.9484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	667929.0979
5439000	7/16/2008	7	80	80	1.62	136.49	1528	18.9484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	667929.0979
5439000	7/10/2015	7	80	80	1.62	136.49	1528	18.9484%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	667929.0979
5439000	6/22/1926	6	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	7/4/1926	7	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	10/15/1926	10	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	10/16/1926	10	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	6/9/1927	6	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	6/23/1927	6	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	6/6/1932	6	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	5/30/1933	5	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	7/11/1933	7	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	5/10/1983	5	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	6/6/1983	6	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	10/26/1985	10	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	7/29/1989	7	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	6/8/1991	6	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	9/3/1993	9	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	10/22/1998	10	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	7/7/2000	7	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	7/14/2007	7	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	7/22/2008	7	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	10/30/2008	10	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	5/8/2013	5	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	6/2/2013	6	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	5/21/2014	5	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	9/10/2014	9	79	79	1.62	134.87	1544	19.1468%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	660015.5443
5439000	7/2/1929	7	78	78	1.62	133.25	1568	19.4444%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	652101.9907
5439000	10/23/1980	10	78	78	1.62	133.25	1568	19.4444%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	652101.9907
5439000	5/31/1987	5	78	78	1.62	133.25	1568	19.4444%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	652101.9907
5439000	8/11/1989	8	78	78	1.62	133.25	1568	19.4444%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	652101.9907
5439000	5/8/1991	5	78	78	1.62	133.25	1568	19.4444%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	652101.9907
5439000	5/4/1995	5	78	78	1.62	133.25	1568	19.4444%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	652101.9907
5439000	6/7/2000	6	78	78	1.62	133.25	1568	19.4444%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	652101.9907
5439000	7/1/2000	7	78	78	1.62	133.25	1568	19.4444%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	652101.9907
5439000	5/7/2002	5	78	78	1.62	133.25	1568	19.4444%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	652101.9907
5439000	8/16/2007	8	78	78	1.62	133.25	1568	19.4444%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	652101.9907
5439000	7/19/2008	7	78	78	1.62	133.25	1568	19.4444%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	652101.9907
5439000	5/13/2012	5	78	78	1.62	133.25	1568	19.4444%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	652101.9907
5439000	5/10/2013	5	78	78	1.62	133.25	1568	19.4444%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	652101.9907
5439000	7/7/2013	7	78	78	1.62	133.25	1568	19.4444%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	652101.9907
5439000	7/10/2014	7	78	78	1.62	133.25	1568	19.4444%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	652101.9907
5439000	7/20/2015	7	78	78	1.62	133.25	1568	19.4444%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	652101.9907
5439000	6/3/1981	6	77	77	1.62	131.64	1584	19.6429%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	644188.4371

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/30/1981	6	77	77	1.62	131.64	1584	19.6429%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	644188.4371
5439000	5/4/1984	5	77	77	1.62	131.64	1584	19.6429%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	644188.4371
5439000	10/29/1986	10	77	77	1.62	131.64	1584	19.6429%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	644188.4371
5439000	7/7/1993	7	77	77	1.62	131.64	1584	19.6429%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	644188.4371
5439000	7/2/1994	7	77	77	1.62	131.64	1584	19.6429%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	644188.4371
5439000	6/12/2001	6	77	77	1.62	131.64	1584	19.6429%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	644188.4371
5439000	5/26/2006	5	77	77	1.62	131.64	1584	19.6429%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	644188.4371
5439000	7/17/2007	7	77	77	1.62	131.64	1584	19.6429%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	644188.4371
5439000	9/28/2008	9	77	77	1.62	131.64	1584	19.6429%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	644188.4371
5439000	6/27/2009	6	77	77	1.62	131.64	1584	19.6429%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	644188.4371
5439000	5/1/2015	5	77	77	1.62	131.64	1584	19.6429%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	644188.4371
5439000	6/4/2015	6	77	77	1.62	131.64	1584	19.6429%	Fecal	84	cfu/100ml	200	283.2	270559.1436	644188.4371
5439000	6/26/1931	6	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	5/23/1933	5	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	5/21/1983	5	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	6/16/1984	6	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	10/7/1986	10	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	8/13/1989	8	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	5/24/1991	5	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	6/11/1991	6	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	10/22/1993	10	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	8/11/1994	8	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	7/2/1996	7	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	8/16/1996	8	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	5/14/1997	5	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	5/25/1998	5	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	6/22/1998	6	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	6/25/1999	6	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	5/8/2002	5	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	9/10/2007	9	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	6/2/2008	6	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	10/31/2008	10	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	5/23/2010	5	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	9/27/2011	9	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	5/9/2013	5	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	5/20/2014	5	76	76	1.62	130.02	1597	19.8041%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	636274.8835
5439000	5/12/1929	5	75	75	1.62	128.40	1621	20.1017%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	628361.3299
5439000	5/15/1929	5	75	75	1.62	128.40	1621	20.1017%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	628361.3299
5439000	6/25/1929	6	75	75	1.62	128.40	1621	20.1017%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	628361.3299
5439000	5/9/1981	5	75	75	1.62	128.40	1621	20.1017%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	628361.3299
5439000	5/22/1981	5	75	75	1.62	128.40	1621	20.1017%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	628361.3299
5439000	6/14/1983	6	75	75	1.62	128.40	1621	20.1017%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	628361.3299
5439000	7/16/1983	7	75	75	1.62	128.40	1621	20.1017%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	628361.3299
5439000	10/11/1993	10	75	75	1.62	128.40	1621	20.1017%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	628361.3299

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/16/1996	5	75	75	1.62	128.40	1621	20.1017%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	628361.3299
5439000	7/1/1996	7	75	75	1.62	128.40	1621	20.1017%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	628361.3299
5439000	6/18/2010	6	75	75	1.62	128.40	1621	20.1017%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	628361.3299
5439000	5/23/2015	5	75	75	1.62	128.40	1621	20.1017%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	628361.3299
5439000	7/3/2015	7	75	75	1.62	128.40	1621	20.1017%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	628361.3299
5439000	5/11/1983	5	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	6/3/1986	6	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	6/4/1986	6	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	9/11/1987	9	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	9/21/1987	9	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	5/30/1990	5	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	6/16/1990	6	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	8/24/1990	8	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	5/15/1993	5	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	6/12/1995	6	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	7/5/1995	7	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	5/21/1997	5	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	5/27/1997	5	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	5/3/2006	5	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	5/18/2006	5	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	8/6/2007	8	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	10/10/2008	10	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	7/1/2010	7	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	6/24/2011	6	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	6/7/2015	6	74	74	1.62	126.79	1634	20.2629%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	620447.7763
5439000	10/8/1930	10	73	73	1.62	125.17	1654	20.5109%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	612534.2227
5439000	8/9/1980	8	73	73	1.62	125.17	1654	20.5109%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	612534.2227
5439000	6/26/1981	6	73	73	1.62	125.17	1654	20.5109%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	612534.2227
5439000	6/5/1982	6	73	73	1.62	125.17	1654	20.5109%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	612534.2227
5439000	9/30/1987	9	73	73	1.62	125.17	1654	20.5109%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	612534.2227
5439000	5/26/1999	5	73	73	1.62	125.17	1654	20.5109%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	612534.2227
5439000	6/19/2002	6	73	73	1.62	125.17	1654	20.5109%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	612534.2227
5439000	5/25/2003	5	73	73	1.62	125.17	1654	20.5109%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	612534.2227
5439000	5/28/2006	5	73	73	1.62	125.17	1654	20.5109%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	612534.2227
5439000	6/12/2006	6	73	73	1.62	125.17	1654	20.5109%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	612534.2227
5439000	5/27/2007	5	73	73	1.62	125.17	1654	20.5109%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	612534.2227
5439000	9/11/2007	9	73	73	1.62	125.17	1654	20.5109%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	612534.2227
5439000	5/19/2008	5	73	73	1.62	125.17	1654	20.5109%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	612534.2227
5439000	10/16/2014	10	73	73	1.62	125.17	1654	20.5109%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	612534.2227
5439000	10/17/1926	10	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	5/7/1927	5	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	5/16/1927	5	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	5/19/1927	5	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	5/6/1929	5	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/23/1929	5	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	7/13/1929	7	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	8/26/1980	8	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	10/5/1980	10	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	10/22/1981	10	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	6/16/1983	6	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	6/18/1984	6	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	6/5/1986	6	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	7/12/1989	7	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	9/17/1989	9	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	6/25/1990	6	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	5/9/1991	5	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	9/9/1992	9	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	8/1/1993	8	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	9/21/1993	9	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	10/23/1993	10	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	5/6/1997	5	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	5/26/1998	5	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	6/19/2007	6	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	6/28/2009	6	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	5/8/2011	5	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	5/12/2011	5	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	7/9/2013	7	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	7/17/2014	7	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	5/2/2015	5	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	6/8/2015	6	72	72	1.62	123.55	1668	20.6845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	604620.6691
5439000	5/26/1929	5	71	71	1.62	121.93	1699	21.0689%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	596707.1155
5439000	10/25/1980	10	71	71	1.62	121.93	1699	21.0689%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	596707.1155
5439000	5/10/1981	5	71	71	1.62	121.93	1699	21.0689%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	596707.1155
5439000	8/14/1981	8	71	71	1.62	121.93	1699	21.0689%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	596707.1155
5439000	6/7/1983	6	71	71	1.62	121.93	1699	21.0689%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	596707.1155
5439000	10/19/1985	10	71	71	1.62	121.93	1699	21.0689%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	596707.1155
5439000	7/4/1990	7	71	71	1.62	121.93	1699	21.0689%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	596707.1155
5439000	6/9/1991	6	71	71	1.62	121.93	1699	21.0689%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	596707.1155
5439000	7/4/1995	7	71	71	1.62	121.93	1699	21.0689%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	596707.1155
5439000	5/16/2006	5	71	71	1.62	121.93	1699	21.0689%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	596707.1155
5439000	5/17/2006	5	71	71	1.62	121.93	1699	21.0689%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	596707.1155
5439000	5/25/2010	5	71	71	1.62	121.93	1699	21.0689%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	596707.1155
5439000	7/11/2015	7	71	71	1.62	121.93	1699	21.0689%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	596707.1155
5439000	6/15/1982	6	70	70	1.62	120.32	1712	21.2302%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	588793.5619
5439000	5/12/1983	5	70	70	1.62	120.32	1712	21.2302%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	588793.5619
5439000	6/11/1984	6	70	70	1.62	120.32	1712	21.2302%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	588793.5619
5439000	6/17/1986	6	70	70	1.62	120.32	1712	21.2302%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	588793.5619
5439000	10/1/1987	10	70	70	1.62	120.32	1712	21.2302%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	588793.5619

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge Surrogate (less NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/31/1990	5	70	70	1.62	120.32	1712	21.2302%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	588793.5619
5439000	8/19/1990	8	70	70	1.62	120.32	1712	21.2302%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	588793.5619
5439000	10/5/1993	10	70	70	1.62	120.32	1712	21.2302%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	588793.5619
5439000	10/9/1993	10	70	70	1.62	120.32	1712	21.2302%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	588793.5619
5439000	5/5/1995	5	70	70	1.62	120.32	1712	21.2302%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	588793.5619
5439000	5/2/1997	5	70	70	1.62	120.32	1712	21.2302%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	588793.5619
5439000	7/10/1998	7	70	70	1.62	120.32	1712	21.2302%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	588793.5619
5439000	5/31/1999	5	70	70	1.62	120.32	1712	21.2302%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	588793.5619
5439000	5/6/2007	5	70	70	1.62	120.32	1712	21.2302%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	588793.5619
5439000	6/18/2008	6	70	70	1.62	120.32	1712	21.2302%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	588793.5619
5439000	10/3/2008	10	70	70	1.62	120.32	1712	21.2302%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	588793.5619
5439000	7/11/2014	7	70	70	1.62	120.32	1712	21.2302%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	588793.5619
5439000	8/22/1926	8	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	5/8/1927	5	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	5/18/1927	5	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	5/14/1929	5	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	5/18/1929	5	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	6/28/1929	6	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	6/10/1980	6	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	6/11/1986	6	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	7/18/1986	7	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	6/21/1990	6	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	8/5/1990	8	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	10/24/1993	10	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	6/26/1997	6	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	5/27/1998	5	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	6/23/1998	6	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	5/27/1999	5	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	5/28/1999	5	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	6/28/2006	6	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	5/7/2007	5	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	6/7/2007	6	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	7/28/2007	7	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	7/12/2010	7	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	7/27/2010	7	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	5/14/2012	5	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	6/18/2013	6	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	7/10/2013	7	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	10/15/2014	10	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	6/5/2015	6	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	7/4/2015	7	69	69	1.62	118.70	1729	21.4410%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	580880.0083
5439000	5/7/1932	5	68	68	1.62	117.08	1758	21.8006%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	572966.4547
5439000	5/31/1933	5	68	68	1.62	117.08	1758	21.8006%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	572966.4547
5439000	10/6/1980	10	68	68	1.62	117.08	1758	21.8006%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	572966.4547

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/23/1981	5	68	68	1.62	117.08	1758	21.8006%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	572966.4547
5439000	7/15/1982	7	68	68	1.62	117.08	1758	21.8006%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	572966.4547
5439000	6/16/1987	6	68	68	1.62	117.08	1758	21.8006%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	572966.4547
5439000	6/1/1990	6	68	68	1.62	117.08	1758	21.8006%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	572966.4547
5439000	6/13/1995	6	68	68	1.62	117.08	1758	21.8006%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	572966.4547
5439000	5/18/1997	5	68	68	1.62	117.08	1758	21.8006%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	572966.4547
5439000	6/12/1997	6	68	68	1.62	117.08	1758	21.8006%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	572966.4547
5439000	6/26/1999	6	68	68	1.62	117.08	1758	21.8006%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	572966.4547
5439000	5/15/2000	5	68	68	1.62	117.08	1758	21.8006%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	572966.4547
5439000	6/8/2000	6	68	68	1.62	117.08	1758	21.8006%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	572966.4547
5439000	7/8/2000	7	68	68	1.62	117.08	1758	21.8006%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	572966.4547
5439000	6/13/2001	6	68	68	1.62	117.08	1758	21.8006%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	572966.4547
5439000	6/23/2004	6	68	68	1.62	117.08	1758	21.8006%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	572966.4547
5439000	5/28/2007	5	68	68	1.62	117.08	1758	21.8006%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	572966.4547
5439000	5/27/2010	5	68	68	1.62	117.08	1758	21.8006%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	572966.4547
5439000	5/1/1930	5	67	67	1.62	115.47	1776	22.0238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	565052.9011
5439000	9/6/1980	9	67	67	1.62	115.47	1776	22.0238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	565052.9011
5439000	10/7/1980	10	67	67	1.62	115.47	1776	22.0238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	565052.9011
5439000	6/12/1984	6	67	67	1.62	115.47	1776	22.0238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	565052.9011
5439000	7/1/1985	7	67	67	1.62	115.47	1776	22.0238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	565052.9011
5439000	6/2/1990	6	67	67	1.62	115.47	1776	22.0238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	565052.9011
5439000	6/26/1990	6	67	67	1.62	115.47	1776	22.0238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	565052.9011
5439000	5/10/1991	5	67	67	1.62	115.47	1776	22.0238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	565052.9011
5439000	6/10/1991	6	67	67	1.62	115.47	1776	22.0238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	565052.9011
5439000	6/16/1995	6	67	67	1.62	115.47	1776	22.0238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	565052.9011
5439000	8/15/1995	8	67	67	1.62	115.47	1776	22.0238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	565052.9011
5439000	5/15/1997	5	67	67	1.62	115.47	1776	22.0238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	565052.9011
5439000	7/6/1998	7	67	67	1.62	115.47	1776	22.0238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	565052.9011
5439000	6/29/2009	6	67	67	1.62	115.47	1776	22.0238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	565052.9011
5439000	5/9/2011	5	67	67	1.62	115.47	1776	22.0238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	565052.9011
5439000	7/24/2011	7	67	67	1.62	115.47	1776	22.0238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	565052.9011
5439000	5/11/2013	5	67	67	1.62	115.47	1776	22.0238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	565052.9011
5439000	7/21/2015	7	67	67	1.62	115.47	1776	22.0238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	565052.9011
5439000	9/19/1926	9	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	5/20/1927	5	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	6/10/1927	6	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	8/6/1928	8	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	5/13/1929	5	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	6/26/1929	6	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	8/3/1929	8	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	6/8/1983	6	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	6/10/1983	6	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	9/12/1987	9	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	9/22/1987	9	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/16/1993	5	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	5/17/1993	5	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	6/15/1995	6	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	5/17/1996	5	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	8/18/1996	8	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	5/22/1997	5	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	5/29/1998	5	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	7/22/1999	7	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	7/15/2000	7	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	6/20/2002	6	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	5/30/2003	5	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	7/26/2007	7	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	5/9/2010	5	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	5/24/2010	5	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	5/10/2011	5	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	6/15/2014	6	66	66	1.62	113.85	1794	22.2470%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	557139.3475
5439000	5/10/1932	5	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	5/24/1933	5	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	10/16/1980	10	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	6/4/1981	6	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	6/27/1981	6	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	8/1/1982	8	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	7/17/1983	7	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	5/5/1984	5	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	6/17/1984	6	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	10/8/1986	10	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	10/2/1987	10	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	9/4/1989	9	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	9/18/1989	9	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	8/14/1994	8	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	5/23/1997	5	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	5/28/1997	5	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	5/28/1998	5	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	6/24/1998	6	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	10/23/1998	10	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	5/29/2003	5	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	10/11/2008	10	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	6/25/2011	6	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	8/23/2011	8	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	7/12/2015	7	65	65	1.62	112.23	1821	22.5818%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	549225.7939
5439000	5/2/1930	5	64	64	1.62	110.61	1845	22.8795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	541312.2403
5439000	9/26/1930	9	64	64	1.62	110.61	1845	22.8795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	541312.2403
5439000	10/8/1980	10	64	64	1.62	110.61	1845	22.8795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	541312.2403
5439000	5/24/1981	5	64	64	1.62	110.61	1845	22.8795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	541312.2403

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/23/1981	10	64	64	1.62	110.61	1845	22.8795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	541312.2403
5439000	8/12/1989	8	64	64	1.62	110.61	1845	22.8795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	541312.2403
5439000	8/26/1993	8	64	64	1.62	110.61	1845	22.8795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	541312.2403
5439000	7/3/1994	7	64	64	1.62	110.61	1845	22.8795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	541312.2403
5439000	5/29/1999	5	64	64	1.62	110.61	1845	22.8795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	541312.2403
5439000	5/19/2006	5	64	64	1.62	110.61	1845	22.8795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	541312.2403
5439000	9/12/2007	9	64	64	1.62	110.61	1845	22.8795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	541312.2403
5439000	5/20/2008	5	64	64	1.62	110.61	1845	22.8795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	541312.2403
5439000	5/11/2011	5	64	64	1.62	110.61	1845	22.8795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	541312.2403
5439000	6/3/2013	6	64	64	1.62	110.61	1845	22.8795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	541312.2403
5439000	6/9/2015	6	64	64	1.62	110.61	1845	22.8795%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	541312.2403
5439000	10/18/1926	10	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	5/17/1927	5	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	5/21/1927	5	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	5/22/1927	5	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	5/7/1929	5	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	6/30/1929	6	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	7/3/1929	7	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	10/30/1986	10	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	5/2/1987	5	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	5/11/1991	5	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	6/15/1991	6	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	7/8/1993	7	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	5/6/1995	5	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	6/14/1995	6	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	6/17/1995	6	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	5/1/1997	5	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	6/27/1999	6	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	5/16/2000	5	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	6/15/2001	6	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	5/10/2002	5	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	5/26/2003	5	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	6/24/2004	6	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	5/13/2006	5	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	5/15/2006	5	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	5/8/2007	5	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	8/30/2009	8	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	8/20/2011	8	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	5/15/2012	5	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	5/17/2014	5	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	7/18/2014	7	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	6/6/2015	6	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	7/5/2015	7	63	63	1.62	109.00	1860	23.0655%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	533398.6867
5439000	10/16/1927	10	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/30/1928	6	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	7/10/1928	7	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	7/26/1928	7	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	10/9/1930	10	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	10/26/1980	10	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	6/29/1981	6	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	10/2/1981	10	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	6/6/1982	6	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	6/9/1983	6	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	6/6/1986	6	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	9/23/1987	9	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	5/26/1989	5	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	6/7/1989	6	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	7/23/1990	7	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	5/18/1993	5	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	8/2/1993	8	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	8/17/1996	8	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	5/30/1999	5	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	7/9/2000	7	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	6/14/2001	6	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	10/27/2001	10	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	5/4/2006	5	62	62	1.62	107.38	1892	23.4623%	Fecal	200	cfu/100ml	200	283.2	525485.1331	525485.1331
5439000	8/8/2010	8	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	6/26/2011	6	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	6/27/2011	6	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	8/6/2014	8	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	6/11/2015	6	62	62	1.62	107.38	1892	23.4623%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	525485.1331
5439000	6/28/1981	6	61	61	1.62	105.76	1920	23.8095%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	517571.5795
5439000	6/4/1987	6	61	61	1.62	105.76	1920	23.8095%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	517571.5795
5439000	8/14/1989	8	61	61	1.62	105.76	1920	23.8095%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	517571.5795
5439000	6/3/1990	6	61	61	1.62	105.76	1920	23.8095%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	517571.5795
5439000	7/5/1990	7	61	61	1.62	105.76	1920	23.8095%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	517571.5795
5439000	5/23/1993	5	61	61	1.62	105.76	1920	23.8095%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	517571.5795
5439000	5/29/1997	5	61	61	1.62	105.76	1920	23.8095%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	517571.5795
5439000	7/10/2003	7	61	61	1.62	105.76	1920	23.8095%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	517571.5795
5439000	7/2/2010	7	61	61	1.62	105.76	1920	23.8095%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	517571.5795
5439000	5/31/2012	5	61	61	1.62	105.76	1920	23.8095%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	517571.5795
5439000	6/10/2015	6	61	61	1.62	105.76	1920	23.8095%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	517571.5795
5439000	6/23/1926	6	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	6/11/1927	6	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	6/24/1927	6	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	5/11/1929	5	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	5/19/1929	5	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	5/27/1929	5	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/27/1929	6	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	10/9/1980	10	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	6/16/1982	6	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	5/6/1984	5	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	6/7/1986	6	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	5/1/1987	5	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	9/24/1987	9	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	6/27/1990	6	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	8/13/1990	8	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	7/16/1992	7	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	10/12/1993	10	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	6/18/1995	6	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	5/18/1996	5	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	8/19/1996	8	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	5/24/1997	5	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	5/30/1998	5	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	5/31/1998	5	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	6/2/2003	6	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	6/19/2008	6	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	9/26/2011	9	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	5/16/2012	5	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	5/12/2013	5	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	6/19/2013	6	60	60	1.62	104.15	1931	23.9459%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	509658.0259
5439000	10/4/1927	10	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	5/20/1928	5	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	6/26/1930	6	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	8/27/1980	8	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	7/1/1981	7	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	8/17/1981	8	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	8/29/1981	8	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	10/27/1985	10	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	7/19/1986	7	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	6/17/1987	6	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	9/13/1987	9	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	9/19/1989	9	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	8/28/1990	8	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	6/5/1993	6	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	5/7/1995	5	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	5/16/1997	5	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	7/3/1998	7	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	6/9/2000	6	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	6/21/2002	6	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	5/20/2005	5	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	5/14/2006	5	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/27/2006	5	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	6/13/2006	6	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	5/10/2007	5	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	6/30/2009	6	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	6/15/2010	6	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	7/28/2011	7	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	5/14/2013	5	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	7/11/2013	7	59	59	1.62	102.53	1960	24.3056%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	501744.4723
5439000	6/10/1931	6	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	6/8/1932	6	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	6/1/1933	6	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	7/7/1933	7	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	6/5/1981	6	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	10/6/1981	10	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	5/7/1984	5	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	10/20/1985	10	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	10/31/1986	10	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	9/28/1987	9	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	9/22/1993	9	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	7/3/1996	7	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	6/25/1998	6	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	6/28/1999	6	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	5/27/2003	5	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	5/12/2006	5	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	5/9/2007	5	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	5/31/2007	5	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	7/15/2007	7	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	5/28/2010	5	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	6/6/2013	6	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	7/22/2015	7	58	58	1.62	100.91	1989	24.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	493830.9187
5439000	10/20/1926	10	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	5/8/1929	5	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	6/29/1929	6	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	7/14/1929	7	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	10/27/1980	10	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	5/25/1981	5	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	6/7/1982	6	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	7/16/1982	7	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	6/17/1983	6	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	7/18/1983	7	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	6/19/1984	6	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	5/19/1993	5	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	5/20/1993	5	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	7/9/1993	7	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/19/1995	6	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	8/23/1996	8	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	5/17/1997	5	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	5/26/2007	5	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	6/1/2007	6	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	5/21/2008	5	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	7/17/2008	7	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	10/15/2008	10	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	5/10/2010	5	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	5/13/2013	5	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	6/4/2013	6	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	10/17/2014	10	57	57	1.62	99.29	2011	24.9380%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	485917.3651
5439000	10/6/1927	10	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	10/17/1927	10	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	5/3/1930	5	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	6/11/1980	6	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	10/10/1980	10	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	8/2/1982	8	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	9/25/1987	9	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	5/12/1991	5	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	5/24/1993	5	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	10/16/1993	10	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	5/9/2000	5	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	6/22/2002	6	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	5/28/2003	5	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	7/9/2003	7	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	6/25/2004	6	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	5/20/2006	5	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	5/29/2007	5	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	10/12/2008	10	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	6/16/2014	6	56	56	1.62	97.68	2037	25.2604%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	478003.8115
5439000	5/11/1932	5	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	5/25/1933	5	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	6/5/1933	6	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	7/12/1933	7	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	10/28/1980	10	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	5/27/1981	5	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	10/24/1981	10	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	8/5/1982	8	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	6/11/1983	6	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	9/26/1987	9	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	10/5/1987	10	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	6/28/1990	6	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	10/6/1993	10	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/13/1993	10	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	7/4/1994	7	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	6/20/1995	6	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	7/6/1995	7	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	5/30/1997	5	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	5/17/2000	5	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	7/16/2000	7	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	5/29/2006	5	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	9/13/2007	9	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	10/4/2008	10	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	10/7/2008	10	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	6/28/2011	6	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	7/19/2014	7	55	55	1.62	96.06	2056	25.4960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	470090.2578
5439000	7/5/1926	7	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	9/20/1926	9	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	10/19/1926	10	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	10/21/1926	10	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	6/12/1927	6	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	5/9/1929	5	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	5/28/1929	5	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	5/4/1930	5	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	6/8/1986	6	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	6/12/1986	6	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	6/5/1987	6	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	9/14/1987	9	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	9/16/1987	9	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	7/23/1989	7	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	8/15/1989	8	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	9/5/1989	9	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	6/4/1990	6	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	6/5/1990	6	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	6/8/1990	6	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	8/25/1990	8	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	5/1/1991	5	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	5/1/1992	5	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	5/21/1993	5	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	5/22/1993	5	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	10/25/1993	10	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	6/28/1995	6	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	6/28/1998	6	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	7/11/1998	7	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	10/24/1998	10	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	8/8/2000	8	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	6/22/2001	6	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/5/2006	5	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	6/29/2006	6	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	8/17/2007	8	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	7/23/2008	7	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	7/1/2009	7	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	6/16/2010	6	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	7/3/2010	7	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	6/5/2013	6	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	6/20/2013	6	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	5/18/2014	5	54	54	1.62	94.44	2082	25.8185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	462176.7042
5439000	7/27/1928	7	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	8/7/1928	8	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	6/15/1980	6	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	10/11/1980	10	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	7/17/1982	7	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	8/6/1982	8	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	5/18/1984	5	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	7/3/1985	7	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	6/18/1986	6	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	8/1/1987	8	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	9/27/1987	9	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	10/3/1987	10	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	10/4/1987	10	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	8/15/1993	8	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	6/23/1994	6	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	5/19/1996	5	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	6/2/1998	6	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	5/18/2000	5	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	6/10/2000	6	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	6/16/2001	6	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	6/23/2002	6	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	6/14/2006	6	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	6/8/2007	6	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	10/5/2008	10	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	5/29/2010	5	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	5/17/2012	5	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	6/1/2012	6	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	5/15/2013	5	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	8/5/2014	8	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	7/23/2015	7	53	53	1.62	92.83	2123	26.3269%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	454263.1506
5439000	5/5/1930	5	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	5/6/1930	5	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	5/7/1930	5	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	6/2/1933	6	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/29/1933	6	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	6/14/1980	6	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	6/6/1981	6	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	10/25/1981	10	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	7/19/1983	7	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	7/2/1985	7	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	10/9/1986	10	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	9/15/1987	9	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	6/8/1989	6	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	9/20/1989	9	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	6/6/1990	6	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	7/6/1990	7	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	5/13/1991	5	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	5/14/1991	5	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	6/16/1991	6	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	7/10/1993	7	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	9/23/1993	9	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	6/21/1995	6	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	7/4/1996	7	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	8/20/1996	8	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	6/1/1998	6	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	10/28/1998	10	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	5/1/2000	5	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	6/21/2001	6	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	6/3/2003	6	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	5/24/2006	5	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	5/11/2007	5	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	7/29/2007	7	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	5/2/2008	5	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	6/20/2008	6	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	10/13/2008	10	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	10/14/2008	10	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	7/28/2010	7	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	7/12/2013	7	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	5/22/2014	5	52	52	1.62	91.21	2153	26.6989%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	446349.597
5439000	10/22/1926	10	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	5/10/1929	5	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	5/20/1929	5	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	7/4/1929	7	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	7/26/1929	7	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	7/4/1931	7	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	6/12/1980	6	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	10/29/1980	10	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	5/26/1981	5	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/2/1981	7	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	6/12/1983	6	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	5/9/1984	5	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	6/10/1986	6	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	6/30/1986	6	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	5/3/1987	5	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	10/6/1987	10	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	6/29/1995	6	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	6/26/1998	6	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	10/29/1998	10	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	6/29/1999	6	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	5/19/2000	5	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	8/1/2000	8	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	5/1/2004	5	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	5/10/2004	5	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	8/9/2010	8	51	51	1.62	89.59	2192	27.1825%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	438436.0434
5439000	10/3/1927	10	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	10/18/1927	10	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	6/21/1928	6	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	6/13/1980	6	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	10/7/1981	10	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	10/17/1981	10	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	6/8/1982	6	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	6/7/1990	6	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	5/2/1991	5	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	5/2/1992	5	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	8/3/1993	8	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	9/4/1993	9	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	10/7/1993	10	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	10/14/1993	10	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	5/31/1997	5	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	6/26/2004	6	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	9/14/2007	9	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	10/16/2008	10	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	5/18/2012	5	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	6/7/2013	6	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	8/30/2013	8	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	6/17/2014	6	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	7/20/2014	7	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	9/11/2014	9	50	50	1.62	87.97	2217	27.4926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	430522.4898
5439000	7/11/1930	7	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	7/8/1933	7	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	10/30/1980	10	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	7/20/1983	7	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/28/1984	10	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	7/5/1985	7	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	6/6/1987	6	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	6/12/1989	6	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	9/21/1989	9	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	7/19/1990	7	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	7/17/1992	7	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	9/12/1992	9	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	6/6/1993	6	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	8/16/1993	8	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	10/31/1994	10	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	7/1/1999	7	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	6/17/2001	6	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	6/18/2001	6	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	6/24/2002	6	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	5/21/2006	5	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	5/30/2007	5	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	5/22/2008	5	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	7/2/2009	7	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	8/26/2009	8	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	6/12/2010	6	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	8/24/2011	8	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	8/31/2013	8	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	10/3/2014	10	49	49	1.62	86.36	2241	27.7902%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	422608.9362
5439000	6/24/1926	6	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	8/23/1926	8	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	10/24/1926	10	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	5/29/1929	5	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	7/11/1929	7	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	8/28/1980	8	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	8/31/1980	8	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	10/14/1980	10	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	10/31/1980	10	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	6/7/1981	6	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	6/9/1981	6	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	6/18/1983	6	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	6/18/1987	6	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	7/24/1990	7	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	5/15/1991	5	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	5/4/1992	5	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	6/22/1995	6	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	8/22/1996	8	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	7/17/2000	7	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	5/1/2008	5	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/6/2008	10	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	7/4/2009	7	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	7/11/2009	7	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	5/30/2010	5	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	6/2/2010	6	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	7/4/2010	7	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	6/29/2011	6	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	9/28/2011	9	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	7/24/2015	7	48	48	1.62	84.74	2269	28.1374%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	414695.3826
5439000	10/19/1927	10	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	7/1/1928	7	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	7/11/1928	7	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	10/12/1980	10	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	10/13/1980	10	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	5/28/1981	5	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	6/17/1982	6	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	7/18/1982	7	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	6/13/1983	6	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	6/20/1984	6	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	6/14/1986	6	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	6/19/1986	6	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	7/20/1986	7	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	8/16/1989	8	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	7/7/1990	7	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	6/17/1991	6	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	6/23/1995	6	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	6/1/1997	6	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	6/3/1998	6	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	6/27/1998	6	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	10/25/1998	10	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	7/12/2003	7	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	5/6/2006	5	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	5/11/2006	5	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	6/15/2006	6	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	7/8/2010	7	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	6/30/2011	6	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	5/19/2012	5	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	10/18/2012	10	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	5/16/2013	5	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	7/13/2013	7	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	5/1/2014	5	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	5/19/2014	5	47	47	1.62	83.12	2298	28.4970%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	406781.829
5439000	5/8/1930	5	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	9/27/1930	9	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/12/1932	5	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	5/1/1933	5	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	5/1/1980	5	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	6/8/1981	6	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	8/3/1982	8	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	5/10/1984	5	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	7/21/1986	7	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	9/29/1986	9	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	6/7/1987	6	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	6/9/1989	6	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	9/22/1989	9	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	6/9/1990	6	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	5/5/1992	5	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	5/25/1993	5	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	5/28/1993	5	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	7/11/1993	7	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	8/6/1993	8	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	10/26/1993	10	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	10/28/1993	10	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	7/5/1994	7	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	7/6/1994	7	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	6/26/1995	6	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	7/5/1996	7	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	8/21/1996	8	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	6/30/1999	6	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	10/5/2000	10	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	5/11/2001	5	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	5/27/2001	5	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	10/28/2001	10	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	6/25/2002	6	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	6/26/2002	6	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	7/8/2003	7	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	6/27/2004	6	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	7/4/2004	7	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	5/30/2006	5	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	7/16/2007	7	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	8/18/2007	8	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	5/7/2008	5	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	6/21/2008	6	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	7/3/2009	7	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	7/5/2009	7	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	6/2/2012	6	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	6/12/2013	6	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754
5439000	5/28/2014	5	46	46	1.62	81.51	2331	28.9063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	398868.2754

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/3/1926	7	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	9/21/1926	9	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	10/23/1926	10	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	6/13/1927	6	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	6/25/1927	6	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	5/21/1929	5	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	7/15/1929	7	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	8/5/1980	8	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	10/15/1980	10	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	7/3/1981	7	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	10/3/1981	10	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	10/4/1981	10	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	10/26/1981	10	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	5/11/1984	5	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	10/28/1985	10	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	6/9/1986	6	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	10/10/1986	10	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	10/12/1986	10	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	5/9/1988	5	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	5/29/1989	5	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	7/28/1989	7	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	8/18/1990	8	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	10/18/1990	10	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	5/3/1991	5	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	5/3/1992	5	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	10/8/1993	10	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	10/15/1993	10	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	7/7/1994	7	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	6/24/1995	6	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	6/27/1995	6	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	6/13/1997	6	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	6/27/1997	6	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	8/17/1997	8	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	6/4/1998	6	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	6/5/1998	6	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	7/12/1998	7	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	10/30/1998	10	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	5/2/2000	5	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	5/7/2001	5	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	6/26/2006	6	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	5/3/2008	5	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	5/31/2010	5	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	7/13/2010	7	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	7/29/2010	7	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/10/2010	8	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	6/8/2013	6	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	10/18/2014	10	45	45	1.62	79.89	2377	29.4767%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	390954.7218
5439000	6/9/1982	6	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	8/7/1982	8	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	10/9/1982	10	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	6/19/1983	6	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	6/13/1986	6	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	7/1/1986	7	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	5/4/1987	5	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	10/7/1987	10	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	5/24/1988	5	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	5/30/1989	5	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	8/3/1990	8	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	8/6/1990	8	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	8/26/1990	8	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	6/4/1993	6	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	8/20/1994	8	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	7/6/1996	7	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	6/2/1997	6	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	9/30/1999	9	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	10/4/2000	10	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	5/1/2001	5	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	5/2/2004	5	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	5/7/2006	5	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	5/12/2007	5	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	5/13/2007	5	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	6/20/2007	6	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	7/18/2008	7	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	6/17/2010	6	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	7/1/2011	7	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	5/4/2012	5	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	5/22/2013	5	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	6/11/2013	6	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	7/21/2014	7	44	44	1.62	78.27	2424	30.0595%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	383041.1682
5439000	6/6/1931	6	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	6/11/1931	6	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	6/27/1931	6	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	6/3/1933	6	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	6/4/1933	6	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	7/13/1933	7	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/2/1980	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	7/4/1981	7	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	10/5/1981	10	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/8/1981	10	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/5/1982	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	6/18/1982	6	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/13/1984	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	10/11/1986	10	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/1/1988	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/8/1988	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/27/1989	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	7/8/1990	7	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/4/1991	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/9/1992	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/26/1993	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/27/1993	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/30/1993	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	7/12/1993	7	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	10/27/1993	10	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	10/29/1993	10	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	6/25/1995	6	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	8/17/1995	8	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	8/24/1996	8	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	6/6/1998	6	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	6/29/1998	6	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/20/2000	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/22/2000	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	8/6/2000	8	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	6/4/2003	6	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	6/28/2004	6	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	7/3/2004	7	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/22/2006	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/31/2006	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	6/16/2006	6	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	6/30/2006	6	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/23/2008	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	10/17/2008	10	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/20/2012	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/21/2012	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	5/17/2013	5	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	7/25/2015	7	43	43	1.62	76.66	2456	30.4563%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	375127.6146
5439000	10/25/1926	10	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	6/14/1927	6	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	7/5/1929	7	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	10/31/1929	10	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	5/9/1930	5	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	6/28/1980	6	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/10/1981	6	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	10/27/1981	10	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	5/1/1982	5	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	7/19/1982	7	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	8/4/1982	8	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	8/8/1982	8	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	6/21/1984	6	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	7/4/1985	7	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	5/5/1987	5	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	6/8/1987	6	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	6/19/1987	6	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	5/2/1988	5	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	7/11/1989	7	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	6/10/1990	6	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	8/14/1990	8	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	5/8/1992	5	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	6/30/1995	6	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	7/7/1995	7	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	10/26/1998	10	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	10/27/1998	10	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	6/19/2001	6	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	7/11/2003	7	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	5/4/2004	5	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	9/15/2007	9	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	6/22/2008	6	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	10/20/2008	10	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	7/8/2009	7	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	5/1/2010	5	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	7/5/2010	7	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	7/31/2010	7	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	7/25/2011	7	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	5/21/2013	5	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	7/14/2013	7	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	5/2/2014	5	42	42	1.62	75.04	2503	31.0392%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	367214.061
5439000	10/20/1927	10	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	5/21/1928	5	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	7/2/1928	7	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	7/28/1928	7	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	5/22/1929	5	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	5/13/1932	5	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	6/15/1932	6	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	6/6/1933	6	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	7/15/1933	7	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	5/3/1980	5	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/23/1983	7	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	6/22/1984	6	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	10/19/1984	10	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	6/22/1986	6	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	7/2/1986	7	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	5/6/1987	5	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	6/20/1987	6	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	5/3/1988	5	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	7/25/1990	7	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	7/29/1990	7	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	8/11/1990	8	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	5/6/1992	5	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	7/13/1993	7	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	8/27/1993	8	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	9/24/1993	9	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	7/7/1996	7	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	6/3/1997	6	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	6/30/1998	6	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	5/2/2001	5	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	5/4/2001	5	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	6/27/2002	6	41	41	1.62	73.42	2543	31.5352%	Fecal	2700	cfu/100ml	200	283.2	4850556.85	359300.5074
5439000	8/23/2002	8	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	6/9/2007	6	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	7/4/2007	7	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	7/24/2008	7	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	6/1/2010	6	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	7/7/2010	7	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	7/2/2011	7	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	5/22/2012	5	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	5/23/2013	5	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	6/9/2013	6	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	10/31/2013	10	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	5/23/2014	5	41	41	1.62	73.42	2543	31.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	359300.5074
5439000	10/26/1926	10	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	6/16/1980	6	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	7/16/1980	7	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	10/9/1981	10	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/2/1982	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	6/10/1982	6	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	7/21/1982	7	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	6/20/1983	6	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	7/21/1983	7	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	7/22/1983	7	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/12/1984	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/15/1985	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	10/21/1985	10	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	10/29/1985	10	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/16/1986	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	10/8/1987	10	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	10/9/1987	10	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/12/1988	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/15/1988	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/28/1989	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	6/12/1990	6	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	7/9/1990	7	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/12/1992	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/31/1993	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	6/16/1997	6	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	6/7/1998	6	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	7/2/1999	7	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/3/2000	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/28/2001	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/19/2005	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/8/2006	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/23/2006	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	6/17/2006	6	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	6/23/2007	6	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	7/30/2007	7	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/24/2008	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/25/2008	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	10/18/2008	10	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	8/31/2009	8	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/2/2010	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/23/2012	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/24/2012	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	5/20/2013	5	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	6/10/2013	6	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	8/22/2014	8	40	40	1.62	71.80	2586	32.0685%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	351386.9538
5439000	7/6/1929	7	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	5/11/1930	5	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	5/4/1980	5	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	8/29/1980	8	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	6/19/1982	6	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	6/25/1982	6	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	7/20/1982	7	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	5/19/1984	5	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	6/20/1986	6	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	7/22/1986	7	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/7/1987	5	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	5/4/1988	5	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	6/10/1989	6	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	6/13/1989	6	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	8/17/1989	8	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	5/1/1990	5	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	6/11/1990	6	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	6/13/1990	6	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	8/27/1990	8	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	6/18/1991	6	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	5/7/1992	5	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	7/31/1992	7	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	8/4/1993	8	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	6/16/1994	6	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	8/25/1996	8	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	7/13/1998	7	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	5/21/2000	5	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	7/18/2000	7	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	5/31/2001	5	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	6/23/2001	6	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	5/3/2004	5	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	6/29/2004	6	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	6/18/2006	6	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	5/14/2007	5	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	10/23/2008	10	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	7/6/2009	7	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	6/3/2010	6	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	7/6/2010	7	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	5/18/2013	5	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	7/22/2014	7	39	39	1.62	70.19	2631	32.6265%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	343473.4002
5439000	6/25/1926	6	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	7/6/1926	7	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	8/24/1926	8	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	10/27/1926	10	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	5/30/1929	5	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	7/5/1981	7	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	5/3/1982	5	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	5/6/1982	5	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	5/20/1984	5	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	7/31/1985	7	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	10/31/1985	10	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	7/7/1986	7	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	5/11/1987	5	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	6/21/1987	6	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/5/1988	5	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	5/10/1988	5	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	7/24/1989	7	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	7/11/1990	7	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	9/22/1992	9	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	7/14/1993	7	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	9/5/1993	9	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	10/30/1993	10	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	6/4/1997	6	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	6/8/1998	6	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	10/31/1998	10	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	5/4/2000	5	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	5/3/2001	5	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	6/20/2001	6	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	10/13/2001	10	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	5/5/2004	5	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	5/21/2005	5	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	5/9/2006	5	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	6/1/2006	6	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	7/3/2006	7	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	6/24/2007	6	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	6/27/2007	6	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	7/10/2009	7	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	6/5/2010	6	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	7/3/2011	7	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	7/29/2011	7	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	6/3/2012	6	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	5/19/2013	5	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	8/7/2014	8	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	7/26/2015	7	38	38	1.62	68.57	2671	33.1225%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	335559.8466
5439000	6/15/1927	6	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	8/8/1928	8	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	5/28/1980	5	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	10/28/1981	10	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	5/4/1982	5	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	10/20/1982	10	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	6/23/1984	6	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	10/13/1986	10	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	5/23/1988	5	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	9/23/1989	9	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	9/25/1989	9	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	5/2/1990	5	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	5/3/1990	5	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	8/17/1990	8	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/19/1990	10	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	5/29/1993	5	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	10/31/1993	10	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	6/20/1994	6	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	7/8/1995	7	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	7/8/1996	7	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	8/26/1996	8	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	6/28/1997	6	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	7/3/1999	7	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	5/23/2000	5	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	5/8/2001	5	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	10/14/2001	10	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	7/1/2006	7	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	5/15/2007	5	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	6/10/2007	6	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	9/16/2007	9	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	6/23/2008	6	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	7/10/2008	7	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	7/12/2009	7	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	8/11/2010	8	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	5/6/2012	5	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	7/15/2013	7	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	9/12/2014	9	37	37	1.62	66.95	2715	33.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	327646.293
5439000	6/26/1927	6	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	10/5/1927	10	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	7/12/1928	7	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/31/1929	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	7/16/1929	7	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	10/26/1929	10	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/10/1930	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	10/10/1930	10	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	6/12/1931	6	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/5/1932	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	6/9/1932	6	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	6/16/1932	6	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/5/1980	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	6/17/1980	6	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	7/22/1980	7	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	8/30/1980	8	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	10/10/1981	10	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	6/12/1982	6	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	6/21/1983	6	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/14/1984	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	8/13/1985	8	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/30/1985	10	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/8/1987	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/6/1988	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/7/1988	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	6/14/1989	6	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	7/27/1989	7	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	9/24/1989	9	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	7/10/1990	7	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	7/14/1990	7	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	8/29/1990	8	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/10/1992	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	6/2/1993	6	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	6/3/1993	6	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	7/15/1993	7	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	8/12/1993	8	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	7/1/1995	7	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	8/9/1995	7	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	7/1/1998	7	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	8/25/1998	8	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/8/2000	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/5/2001	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/6/2001	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/10/2001	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/21/2001	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	10/29/2001	10	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	6/5/2003	6	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	6/8/2003	6	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	6/30/2004	6	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	7/5/2004	7	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/11/2005	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/10/2006	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	9/17/2007	9	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/8/2008	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	6/25/2008	6	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	8/5/2008	8	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	10/19/2008	10	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	10/21/2008	10	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	7/7/2009	7	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	7/9/2009	7	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/3/2010	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	6/4/2010	6	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	6/6/2010	6	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	5/1/2012	5	36	36	1.62	65.34	2752	34.1270%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	319732.7394
5439000	6/16/1927	6	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/14/1933	7	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/6/1980	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	6/19/1980	6	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	6/11/1981	6	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	10/29/1981	10	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/7/1982	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/19/1982	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/9/1987	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/18/1987	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	10/10/1987	10	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	10/17/1987	10	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/11/1988	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/13/1988	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	8/8/1988	8	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	6/11/1989	6	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	8/7/1990	8	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	6/19/1991	6	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/11/1992	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/13/1992	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	9/14/1992	9	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	6/1/1993	6	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	7/8/1994	7	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/5/2000	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	7/19/2000	7	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/29/2001	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	9/23/2001	9	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	6/28/2002	6	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	8/13/2002	8	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/6/2004	5	35	35	1.62	63.72	2816	34.9206%	Fecal	55	cfu/100ml	200	283.2	85750.27609	311819.1858
5439000	10/23/2004	10	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/12/2005	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	6/2/2006	6	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	6/19/2006	6	35	35	1.62	63.72	2816	34.9206%	Fecal	140	cfu/100ml	200	283.2	218273.43	311819.1858
5439000	5/16/2007	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	6/21/2007	6	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	6/28/2007	6	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/4/2008	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	8/19/2009	8	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	7/30/2010	7	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	7/4/2011	7	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/2/2012	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/5/2012	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/25/2012	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	6/4/2012	6	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/28/2013	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/3/2014	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	5/16/2014	5	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	10/14/2014	10	35	35	1.62	63.72	2816	34.9206%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	311819.1858
5439000	10/28/1926	10	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	7/7/1929	7	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	5/12/1930	5	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	5/14/1932	5	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	5/18/1980	5	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	6/18/1980	6	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	7/6/1981	7	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	8/18/1981	8	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	10/30/1981	10	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	6/11/1982	6	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	6/20/1982	6	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	5/15/1984	5	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	5/17/1984	5	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	5/18/1984	5	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	7/10/1985	7	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	6/21/1986	6	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	10/14/1986	10	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	6/9/1987	6	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	10/11/1987	10	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	5/16/1988	5	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	8/18/1989	8	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	9/26/1989	9	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	7/12/1990	7	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	7/26/1990	7	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	7/18/1992	7	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	9/15/1992	9	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	8/7/1993	8	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	5/1/1996	5	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	8/27/1996	8	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	6/14/1997	6	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	7/14/1998	7	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	7/19/1998	7	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	5/6/2000	5	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	5/7/2000	5	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	5/12/2001	5	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	6/24/2001	6	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	6/6/2003	6	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	6/7/2003	6	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	7/1/2004	7	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	6/22/2006	6	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/5/2008	5	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	6/8/2010	6	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	6/9/2010	6	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	7/11/2010	7	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	8/14/2010	8	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	7/19/2012	7	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	5/24/2014	5	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	7/27/2015	7	34	34	1.62	62.10	2865	35.5283%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	303905.6322
5439000	10/29/1926	10	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	10/21/1927	10	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	7/29/1928	7	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	8/30/1928	8	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	8/4/1929	8	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	5/6/1932	5	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	6/7/1933	6	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	6/12/1981	6	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	8/9/1982	8	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	6/22/1983	6	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	5/16/1984	5	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	7/6/1986	7	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	7/23/1986	7	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	10/25/1986	10	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	5/10/1987	5	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	10/12/1987	10	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	5/14/1988	5	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	8/15/1990	8	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	6/20/1991	6	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	7/16/1993	7	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	6/7/1997	6	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	7/4/1999	7	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	5/24/2000	5	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	10/6/2000	10	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	5/9/2001	5	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	5/15/2001	5	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	5/26/2001	5	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	8/20/2005	8	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	6/21/2006	6	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	9/5/2006	9	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	9/18/2007	9	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	6/28/2008	6	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	7/25/2008	7	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	10/22/2009	10	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	5/4/2010	5	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	7/9/2010	7	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/28/2012	5	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	5/29/2012	5	33	33	1.62	60.48	2913	36.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	295992.0786
5439000	6/26/1926	6	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	6/17/1927	6	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	6/27/1927	6	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	6/1/1929	6	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	5/13/1930	5	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	9/28/1930	9	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	10/14/1981	10	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	10/31/1981	10	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	5/8/1982	5	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	6/21/1982	6	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	7/24/1983	7	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	5/21/1984	5	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	6/24/1984	6	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	6/16/1985	6	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	7/6/1985	7	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	6/10/1987	6	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	6/22/1987	6	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	10/13/1987	10	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	5/25/1988	5	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	9/27/1989	9	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	9/28/1989	9	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	7/16/1990	7	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	7/27/1990	7	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	7/30/1990	7	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	10/20/1990	10	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	9/16/1992	9	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	9/6/1993	9	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	7/2/1995	7	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	7/9/1996	7	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	6/29/1997	6	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	7/2/1998	7	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	8/4/1998	8	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	8/9/2000	8	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	5/14/2001	5	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	5/30/2001	5	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	10/30/2001	10	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	6/29/2002	6	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	7/13/2003	7	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	5/7/2004	5	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	6/3/2006	6	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	6/20/2006	6	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	6/11/2007	6	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/25/2007	6	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	5/6/2008	5	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	10/22/2008	10	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	5/5/2010	5	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	8/1/2010	8	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	7/5/2011	7	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	5/3/2012	5	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	5/30/2013	5	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	7/16/2013	7	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	7/23/2014	7	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	10/19/2014	10	32	32	1.62	58.87	2951	36.5947%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	288078.525
5439000	10/30/1926	10	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	5/18/1928	5	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	6/2/1929	6	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	7/17/1929	7	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	5/14/1930	5	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	5/4/1932	5	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	7/16/1933	7	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	5/17/1980	5	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	7/7/1981	7	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	8/30/1981	8	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	10/15/1981	10	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	10/16/1981	10	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	5/12/1982	5	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	5/15/1982	5	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	6/13/1982	6	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	6/23/1983	6	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	5/16/1985	5	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	10/22/1985	10	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	7/3/1986	7	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	10/14/1987	10	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	6/15/1989	6	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	7/18/1989	7	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	8/19/1989	8	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	8/20/1989	8	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	10/1/1989	10	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	7/15/1990	7	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	6/21/1991	6	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	6/22/1991	6	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	5/14/1992	5	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	9/13/1992	9	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	7/17/1993	7	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	8/9/1993	8	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	8/10/1993	8	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/10/1995	7	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	6/8/1997	6	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	6/11/1997	6	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	6/17/1997	6	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	8/15/1997	8	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	9/27/1999	9	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	7/20/2000	7	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	7/31/2000	7	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	8/2/2000	8	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	5/3/2001	5	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	5/16/2001	5	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	7/15/2003	7	31	31	1.62	57.25	3004	37.2520%	Fecal	160	cfu/100ml	200	283.2	224131.9771	280164.9714
5439000	5/8/2004	5	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	5/9/2004	5	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	7/2/2004	7	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	7/2/2006	7	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	5/17/2007	5	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	6/22/2007	6	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	6/24/2008	6	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	6/26/2008	6	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	6/29/2008	6	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	7/14/2010	7	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	7/11/2011	7	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	5/30/2012	5	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	5/27/2013	5	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	5/29/2013	5	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	7/28/2015	7	31	31	1.62	57.25	3004	37.2520%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	280164.9714
5439000	8/1/1926	8	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	8/2/1926	8	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	10/22/1927	10	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	5/15/1930	5	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	6/27/1930	6	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	10/19/1930	10	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	5/15/1932	5	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	5/26/1932	5	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	5/7/1980	5	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	5/19/1980	5	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	10/11/1981	10	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	10/31/1984	10	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	5/5/1985	5	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	6/23/1986	6	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	7/25/1986	7	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	10/15/1986	10	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	10/16/1987	10	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/17/1988	5	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	7/25/1989	7	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	10/5/1989	10	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	7/13/1990	7	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	8/8/1990	8	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	5/15/1992	5	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	9/27/1992	9	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	8/5/1993	8	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	7/3/1995	7	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	8/16/1995	8	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	5/2/1996	5	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	5/3/1996	5	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	8/28/1996	8	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	9/26/1996	9	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	6/5/1997	6	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	6/6/1997	6	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	6/15/1997	6	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	7/15/1998	7	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	8/24/1999	8	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	8/5/2000	8	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	9/22/2000	9	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	6/25/2001	6	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	9/21/2001	9	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	6/30/2002	6	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	6/9/2003	6	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	7/6/2004	7	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	6/18/2007	6	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	7/31/2007	7	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	5/9/2008	5	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	5/6/2010	5	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	6/7/2010	6	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	7/6/2011	7	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	5/26/2012	5	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	5/27/2012	5	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	6/5/2012	6	30	30	1.62	55.63	3064	37.9960%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	272251.4178
5439000	6/27/1926	6	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	8/25/1926	8	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	8/26/1926	8	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	10/31/1926	10	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	6/18/1927	6	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	7/13/1928	7	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	7/8/1929	7	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	7/5/1931	7	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	5/8/1980	5	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/20/1980	6	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	5/11/1982	5	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	6/22/1982	6	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	6/25/1984	6	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	6/27/1984	6	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	6/15/1985	6	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	7/24/1986	7	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	9/26/1986	9	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	10/16/1986	10	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	10/15/1987	10	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	5/18/1988	5	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	5/19/1988	5	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	5/20/1988	5	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	5/26/1988	5	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	9/29/1989	9	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	10/2/1989	10	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	7/28/1990	7	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	5/16/1992	5	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	9/26/1992	9	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	9/28/1992	9	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	7/9/1994	7	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	7/10/1996	7	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	6/9/1997	6	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	6/30/1997	6	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	7/5/1999	7	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	5/27/2000	5	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	5/28/2000	5	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	10/31/2001	10	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	7/9/2004	7	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	7/10/2004	7	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	6/4/2006	6	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	8/12/2010	8	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	8/13/2010	8	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	6/6/2012	6	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	5/24/2013	5	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	8/22/2013	8	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	5/25/2014	5	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	5/29/2014	5	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	7/29/2015	7	29	29	1.62	54.02	3116	38.6409%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	264337.8642
5439000	5/3/1926	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	8/3/1926	8	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	6/19/1927	6	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/22/1928	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	8/9/1928	8	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/16/1930	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	6/13/1931	6	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	6/8/1933	6	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/9/1980	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/10/1980	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/11/1980	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/13/1980	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/20/1980	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	7/9/1980	7	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	7/10/1980	7	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	7/8/1981	7	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/9/1982	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/10/1982	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/16/1982	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	6/24/1983	6	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	7/25/1983	7	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	10/29/1984	10	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/17/1985	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	10/23/1985	10	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/12/1987	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/14/1987	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	10/19/1987	10	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/21/1988	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/22/1988	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/27/1988	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/28/1988	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	6/16/1989	6	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	9/30/1989	9	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	7/17/1990	7	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	8/16/1990	8	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	10/21/1990	10	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	6/30/1991	6	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/17/1992	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	7/11/1995	7	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	9/7/1995	9	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/4/1996	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	7/13/1996	7	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	7/1/1997	7	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/25/2000	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/17/2001	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/18/2001	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/22/2001	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/22/2005	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	10/3/2006	10	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/13/2007	6	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	6/14/2007	6	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	6/29/2007	6	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	7/5/2007	7	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	6/27/2008	6	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	7/13/2009	7	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	8/18/2009	8	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	9/1/2009	9	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	6/10/2010	6	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	9/29/2011	9	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	10/17/2012	10	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/26/2013	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	7/17/2013	7	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/27/2014	5	28	28	1.62	52.40	3164	39.2361%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	256424.3105
5439000	5/1/1926	5	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	10/2/1927	10	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	10/27/1929	10	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	10/30/1929	10	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	10/7/1930	10	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	6/28/1931	6	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	5/16/1932	5	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	5/21/1980	5	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	6/21/1980	6	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	10/12/1981	10	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	5/20/1982	5	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	5/26/1982	5	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	6/14/1982	6	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	8/10/1982	8	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	6/25/1983	6	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	5/1/1985	5	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	7/7/1985	7	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	7/9/1985	7	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	5/15/1986	5	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	7/4/1986	7	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	6/23/1987	6	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	10/18/1987	10	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	10/20/1987	10	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	10/24/1987	10	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	7/18/1990	7	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	8/30/1990	8	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	6/23/1991	6	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	5/23/1992	5	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	8/1/1992	8	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	8/3/1992	8	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/17/1992	9	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	9/23/1992	9	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	7/12/1996	7	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	7/15/1996	7	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	6/10/1997	6	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	6/18/1997	6	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	7/16/1998	7	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	7/6/1999	7	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	7/21/2000	7	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	9/12/2000	9	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	5/24/2001	5	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	6/26/2001	6	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	8/24/2002	8	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	7/7/2004	7	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	6/23/2006	6	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	9/11/2006	9	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	6/12/2007	6	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	9/19/2007	9	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	10/16/2007	10	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	5/10/2008	5	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	7/7/2008	7	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	6/11/2010	6	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	7/10/2010	7	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	7/7/2011	7	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	6/7/2012	6	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	5/25/2013	5	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	10/20/2014	10	27	27	1.62	50.78	3227	40.0174%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	248510.7569
5439000	7/7/1926	7	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	8/27/1926	8	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	6/20/1927	6	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	6/28/1927	6	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	9/29/1927	9	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	10/23/1927	10	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	7/30/1928	7	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	10/23/1928	10	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	6/3/1929	6	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	7/9/1929	7	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	10/25/1929	10	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/18/1930	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	6/10/1932	6	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/12/1980	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/14/1980	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/22/1980	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/24/1980	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/22/1980	6	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	7/9/1981	7	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	10/13/1981	10	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/18/1982	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	6/26/1984	6	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/6/1985	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	10/17/1986	10	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/13/1987	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	8/2/1987	8	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/29/1988	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	8/9/1988	8	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	6/17/1989	6	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	6/18/1989	6	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	8/21/1989	8	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	10/6/1989	10	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	8/9/1990	8	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	10/11/1990	10	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/18/1992	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	7/19/1992	7	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	7/24/1992	7	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	9/21/1992	9	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	8/17/1993	8	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	8/28/1993	8	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	7/15/1994	7	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	7/16/1994	7	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	7/17/1994	7	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	7/12/1995	7	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	7/13/1995	7	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	7/11/1996	7	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	8/29/1996	8	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	6/19/1997	6	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	7/9/1999	7	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/26/2000	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	7/1/2002	7	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	6/10/2003	6	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/13/2005	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	6/25/2006	6	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/18/2007	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/19/2007	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/20/2007	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	6/26/2007	6	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	7/26/2008	7	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	9/4/2008	9	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	7/15/2010	7	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033

Fecal Coliform Load Duration Curve Calculations
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Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/8/2011	7	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	6/8/2012	6	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/4/2014	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/9/2014	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/13/2014	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/26/2014	5	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	7/24/2014	7	26	26	1.62	49.16	3284	40.7242%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	240597.2033
5439000	5/2/1926	5	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	5/17/1928	5	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	7/10/1929	7	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	7/27/1929	7	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	5/17/1930	5	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	5/19/1930	5	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	10/11/1930	10	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	5/15/1980	5	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	5/23/1980	5	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	5/25/1980	5	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	6/23/1980	6	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	8/31/1981	8	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	9/1/1981	9	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	5/13/1982	5	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	6/23/1982	6	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	6/26/1983	6	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	5/2/1985	5	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	8/1/1985	8	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	5/13/1986	5	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	5/14/1986	5	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	6/24/1986	6	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	6/27/1986	6	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	10/19/1986	10	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	6/24/1987	6	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	10/21/1987	10	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	10/27/1987	10	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	5/30/1988	5	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	7/13/1989	7	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	7/26/1989	7	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	7/31/1990	7	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	8/8/1991	8	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	5/19/1992	5	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	5/22/1992	5	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	7/10/1994	7	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	7/14/1994	7	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	8/15/1994	8	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	8/19/1994	8	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/6/1995	10	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	7/14/1996	7	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	9/27/1996	9	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	6/20/1997	6	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	6/21/1997	6	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	7/2/1997	7	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	7/23/1999	7	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	10/1/1999	10	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	5/30/2000	5	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	5/23/2001	5	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	6/27/2001	6	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	7/2/2002	7	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	8/14/2002	8	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	6/11/2003	6	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	7/8/2004	7	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	5/23/2005	5	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	6/5/2006	6	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	6/6/2006	6	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	7/4/2006	7	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	8/3/2006	8	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	7/15/2009	7	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	6/9/2012	6	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	6/2/2014	6	25	25	1.62	47.55	3352	41.5675%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	232683.6497
5439000	7/8/1926	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/14/1928	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	5/20/1930	5	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	10/20/1930	10	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	6/14/1931	6	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	6/22/1931	6	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	10/12/1931	10	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	10/14/1931	10	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/7/1932	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	6/24/1980	6	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/10/1981	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	5/14/1982	5	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	5/17/1982	5	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/26/1983	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	6/28/1984	6	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/8/1985	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/14/1985	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/5/1986	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/26/1986	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	10/18/1986	10	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	10/20/1986	10	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/21/1986	10	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	5/17/1987	5	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	6/25/1987	6	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	10/22/1987	10	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	10/23/1987	10	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	10/26/1987	10	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	8/22/1989	8	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	10/3/1989	10	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	8/31/1990	8	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	10/17/1990	10	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	10/22/1990	10	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/3/1991	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	5/20/1992	5	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	5/21/1992	5	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/2/1992	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/23/1992	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/30/1992	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	9/29/1992	9	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	8/11/1993	8	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	8/18/1993	8	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/14/1995	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/20/1995	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	5/5/1996	5	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	5/6/1996	5	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	10/4/1999	10	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	5/29/2000	5	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	10/7/2000	10	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	5/19/2001	5	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	5/20/2001	5	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	5/25/2001	5	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	6/28/2001	6	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	5/14/2005	5	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	5/21/2007	5	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	6/17/2007	6	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	6/30/2007	6	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	8/1/2007	8	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	8/21/2009	8	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	8/2/2010	8	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/9/2011	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/12/2011	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/22/2011	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/18/2013	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	9/5/2014	9	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961
5439000	7/30/2015	7	24	24	1.62	45.93	3412	42.3115%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	224770.0961

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/28/1926	6	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	8/4/1926	8	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	10/24/1927	10	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/1/1928	5	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	10/24/1928	10	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	6/4/1929	6	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	6/11/1929	6	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	7/18/1929	7	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/1/1932	5	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	6/17/1932	6	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	8/28/1932	8	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	9/13/1932	9	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	6/9/1933	6	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	7/17/1933	7	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/16/1980	5	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	6/25/1980	6	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	6/29/1980	6	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	8/19/1981	8	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/21/1982	5	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	8/11/1982	8	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	7/11/1984	7	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/3/1985	5	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/4/1985	5	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/12/1985	5	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/18/1985	5	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/20/1985	5	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/27/1985	5	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/1/1986	5	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/15/1987	5	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/16/1987	5	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/31/1988	5	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	6/19/1989	6	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	6/24/1991	6	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	9/13/1993	9	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/1/1994	5	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	7/11/1994	7	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	7/12/1994	7	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	8/21/1994	8	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	7/15/1995	7	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/7/1996	5	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/8/1996	5	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	8/30/1996	8	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	10/30/1996	10	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	7/22/2000	7	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/15/2001	10	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	7/11/2004	7	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	7/5/2006	7	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	9/4/2006	9	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	9/20/2007	9	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	10/18/2007	10	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	7/14/2009	7	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	8/15/2010	8	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	8/21/2011	8	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	6/10/2012	6	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/5/2014	5	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	8/8/2014	8	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	8/11/2014	8	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	10/21/2014	10	23	23	1.62	44.31	3477	43.1176%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	216856.5425
5439000	5/4/1926	5	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	6/29/1927	6	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	5/2/1928	5	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	9/15/1928	9	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	8/5/1929	8	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	10/29/1929	10	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	5/21/1930	5	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	5/21/1931	5	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	10/13/1931	10	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	5/17/1932	5	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	5/26/1980	5	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	8/2/1980	8	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	8/6/1980	8	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	7/11/1981	7	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	5/22/1982	5	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	6/24/1982	6	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	6/29/1984	6	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	5/19/1985	5	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	6/17/1985	6	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	7/11/1985	7	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	6/25/1986	6	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	6/26/1986	6	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	6/28/1986	6	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	7/27/1986	7	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	10/22/1986	10	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	10/23/1986	10	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	10/24/1986	10	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	6/26/1987	6	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	10/25/1987	10	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	6/1/1988	6	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/10/1988	8	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	5/19/1989	5	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	8/28/1989	8	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	10/4/1989	10	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	8/1/1990	8	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	8/10/1990	8	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	9/7/1990	9	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	10/23/1990	10	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	6/25/1991	6	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	9/13/1991	9	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	5/24/1992	5	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	7/20/1992	7	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	9/30/1992	9	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	8/13/1993	8	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	8/31/1996	8	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	6/22/1997	6	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	7/17/1998	7	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	8/5/1998	8	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	7/7/1999	7	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	9/23/2000	9	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	6/29/2001	6	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	6/12/2003	6	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	7/21/2004	7	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	6/7/2006	6	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	6/24/2006	6	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	7/6/2007	7	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	9/21/2007	9	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	6/30/2008	6	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	7/8/2008	7	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	7/30/2008	7	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	9/2/2009	9	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	7/16/2010	7	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	7/10/2011	7	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	8/25/2011	8	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	6/11/2012	6	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	10/19/2012	10	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	5/6/2014	5	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	5/30/2014	5	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	7/25/2014	7	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	10/13/2014	10	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	7/31/2015	7	22	22	1.62	42.70	3535	43.8368%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	208942.9889
5439000	5/5/1926	5	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	6/29/1926	6	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	6/30/1927	6	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/4/1928	5	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	6/5/1929	6	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	10/28/1929	10	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	10/17/1930	10	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	6/29/1931	6	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	5/2/1932	5	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	5/3/1932	5	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/8/1932	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	6/26/1980	6	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/23/1980	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/12/1981	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	9/26/1981	9	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	9/27/1981	9	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/27/1983	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/28/1986	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	9/27/1986	9	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	10/28/1987	10	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	6/2/1988	6	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	6/20/1989	6	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	6/21/1989	6	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	8/23/1989	8	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	9/1/1990	9	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	10/10/1990	10	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	10/24/1990	10	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	6/26/1991	6	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/4/1991	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	5/25/1992	5	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	5/26/1992	5	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	9/24/1992	9	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	8/19/1993	8	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	9/7/1993	9	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	6/17/1994	6	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/13/1994	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/18/1994	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/16/1996	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	6/23/1997	6	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/3/1997	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/20/1998	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/10/1999	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	8/10/2000	8	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	10/8/2000	10	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/3/2001	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	6/13/2003	6	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/14/2003	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/12/2004	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	5/22/2007	5	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	9/22/2007	9	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/29/2008	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	8/4/2008	8	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/16/2009	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/17/2009	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/24/2009	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/23/2011	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/26/2011	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	6/12/2012	6	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/19/2013	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	5/7/2014	5	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/26/2014	7	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	9/4/2014	9	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	8/10/2015	8	21	21	1.62	41.08	3606	44.7173%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	201029.4353
5439000	7/9/1926	7	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	9/9/1926	9	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	5/3/1928	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	5/5/1928	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	7/15/1928	7	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	7/31/1928	7	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	8/1/1928	8	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	8/10/1928	8	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	10/21/1930	10	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	5/18/1932	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	5/19/1932	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	6/11/1932	6	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	6/18/1932	6	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	6/10/1933	6	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	5/27/1980	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	6/27/1980	6	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	8/3/1980	8	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	7/13/1981	7	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	8/28/1981	8	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	8/12/1982	8	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	8/4/1983	8	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	9/17/1983	9	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	9/20/1983	9	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	10/23/1983	10	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	5/7/1985	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	5/8/1985	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	5/10/1985	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	5/11/1985	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/14/1985	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	6/24/1985	6	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	10/29/1987	10	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	10/30/1987	10	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	5/20/1989	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	5/24/1989	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	6/22/1989	6	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	8/2/1990	8	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	10/12/1990	10	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	10/15/1990	10	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	6/27/1991	6	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	7/1/1991	7	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	5/27/1992	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	6/17/1992	6	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	8/26/1992	8	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	9/18/1992	9	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	9/20/1992	9	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	9/25/1992	9	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	8/14/1993	8	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	9/11/1993	9	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	5/2/1994	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	5/7/1994	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	8/18/1995	8	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	7/18/1998	7	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	7/8/1999	7	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	9/24/2000	9	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	6/30/2001	6	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	9/20/2001	9	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	7/3/2002	7	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	8/4/2002	8	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	6/14/2003	6	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	6/19/2003	6	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	5/15/2005	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	5/24/2005	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	6/5/2005	6	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	6/16/2007	6	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	7/1/2007	7	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	7/27/2008	7	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	7/25/2009	7	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	8/17/2009	8	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	8/20/2009	8	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	7/17/2010	7	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	6/13/2012	6	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	10/14/2012	10	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/8/2014	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	5/10/2014	5	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	8/12/2014	8	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	8/1/2015	8	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	8/2/2015	8	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	8/3/2015	8	20	20	1.62	39.46	3669	45.4985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	193115.8817
5439000	5/6/1926	5	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	9/6/1926	9	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	9/7/1926	9	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	10/26/1927	10	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	5/6/1928	5	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	5/23/1928	5	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	8/3/1928	8	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	6/6/1929	6	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	7/28/1929	7	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	5/22/1930	5	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	6/15/1931	6	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	7/6/1931	7	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	10/11/1931	10	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	10/15/1931	10	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	5/20/1932	5	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	5/27/1932	5	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	7/18/1933	7	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	6/30/1980	6	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	8/4/1980	8	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	7/15/1981	7	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	8/20/1981	8	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	9/2/1981	9	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	5/23/1982	5	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	10/21/1982	10	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	6/30/1984	6	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	5/9/1985	5	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	5/21/1985	5	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	6/22/1985	6	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	7/15/1985	7	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	10/13/1985	10	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	10/31/1987	10	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	6/3/1988	6	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	5/23/1989	5	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	8/24/1989	8	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	10/7/1989	10	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	10/10/1989	10	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	10/11/1989	10	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	10/16/1990	10	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/28/1991	6	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	10/30/1991	10	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	6/5/1992	6	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	7/25/1992	7	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	10/1/1992	10	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	8/8/1993	8	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	8/20/1993	8	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	9/8/1993	9	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	5/3/1994	5	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	5/4/1994	5	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	5/5/1994	5	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	6/19/1994	6	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	8/10/1994	8	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	7/16/1995	7	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	9/1/1996	9	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	6/24/1997	6	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	7/22/1998	7	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	7/24/1999	7	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	10/3/1999	10	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	10/5/1999	10	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	7/23/2000	7	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	7/1/2001	7	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	10/22/2001	10	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	7/4/2002	7	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	10/4/2002	10	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	6/20/2003	6	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	7/13/2004	7	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	6/8/2006	6	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	5/23/2007	5	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	6/15/2007	6	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	7/3/2007	7	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	8/2/2007	8	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	7/13/2011	7	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	6/14/2012	6	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	6/15/2012	6	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	6/16/2012	6	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	6/17/2012	6	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	6/1/2014	6	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	8/2/2014	8	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	8/23/2014	8	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	9/13/2014	9	19	19	1.62	37.85	3747	46.4658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	185202.3281
5439000	5/7/1926	5	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	6/30/1926	6	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/2/1927	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/7/1927	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	10/25/1927	10	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	10/27/1927	10	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	5/7/1928	5	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	8/2/1928	8	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	10/26/1928	10	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	6/7/1929	6	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	5/23/1930	5	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	5/24/1930	5	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	6/28/1930	6	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/12/1930	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	10/18/1930	10	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	5/20/1931	5	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	5/22/1931	5	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	5/21/1932	5	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	6/19/1932	6	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	6/11/1933	6	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/1/1980	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/14/1981	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	8/13/1982	8	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/28/1983	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	9/25/1984	9	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	6/21/1985	6	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	6/23/1985	6	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/12/1985	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/13/1985	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/25/1985	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	10/12/1985	10	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	5/5/1986	5	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	6/29/1986	6	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/29/1986	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	6/27/1987	6	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	6/29/1987	6	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	6/4/1988	6	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	5/21/1989	5	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	6/23/1989	6	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	8/31/1989	8	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	10/8/1989	10	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	10/9/1989	10	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	10/21/1989	10	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	9/2/1990	9	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	10/14/1990	10	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	10/25/1990	10	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	10/27/1990	10	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/28/1992	5	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	5/29/1992	5	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	5/30/1992	5	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	5/31/1992	5	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	6/3/1992	6	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	6/4/1992	6	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	8/2/1992	8	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	8/21/1993	8	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	8/22/1993	8	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	9/9/1993	9	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	5/6/1994	5	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	5/8/1994	5	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	10/8/1994	10	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	10/9/1994	10	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/4/1997	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/8/1997	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/21/1998	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	8/7/1998	8	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	10/5/1998	10	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	8/3/2000	8	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	9/11/2000	9	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	10/9/2000	10	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	9/24/2001	9	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/5/2002	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/6/2002	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	8/1/2003	8	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	5/25/2005	5	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	6/9/2006	6	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/6/2006	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/20/2006	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	8/5/2007	8	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	9/23/2007	9	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/1/2008	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/2/2008	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	8/6/2008	8	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/18/2009	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	10/2/2009	10	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	8/16/2010	8	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	8/6/2011	8	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	8/9/2011	8	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	9/30/2011	9	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	5/31/2014	5	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	7/27/2014	7	18	18	1.62	36.23	3826	47.4454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	177288.7745
5439000	5/8/1926	5	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/2/1926	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/10/1926	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	9/8/1926	9	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	9/10/1926	9	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	10/28/1927	10	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/16/1928	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	10/25/1928	10	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	8/6/1929	8	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	5/25/1930	5	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	9/29/1930	9	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	10/12/1930	10	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	6/16/1931	6	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/11/1980	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	10/22/1983	10	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/1/1984	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	10/30/1984	10	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	5/13/1985	5	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	5/22/1985	5	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	5/23/1985	5	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	5/28/1985	5	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	6/18/1985	6	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	5/2/1986	5	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	5/6/1986	5	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	9/11/1986	9	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	9/23/1986	9	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	6/28/1987	6	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	8/3/1987	8	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	6/5/1988	6	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/18/1988	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	5/22/1989	5	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	8/25/1989	8	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	8/29/1989	8	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	10/12/1989	10	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	10/26/1990	10	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	6/29/1991	6	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/5/1991	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	9/4/1991	9	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	6/1/1992	6	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	6/2/1992	6	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	10/15/1992	10	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/21/1994	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	9/24/1994	9	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/17/1995	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	9/8/1996	9	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/29/1996	10	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/5/1997	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	8/6/1998	8	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	8/28/1998	8	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	9/14/1998	9	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	10/2/1999	10	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/24/2000	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	8/17/2000	8	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	10/10/2000	10	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/2/2001	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/4/2001	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	8/5/2002	8	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	6/15/2003	6	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/22/2003	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/14/2004	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	8/4/2004	8	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	5/16/2005	5	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	5/26/2005	5	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	5/24/2007	5	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/2/2007	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	9/24/2007	9	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	9/25/2007	9	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	9/26/2007	9	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	10/19/2007	10	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/3/2008	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/19/2009	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/23/2009	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	8/7/2009	8	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	9/3/2009	9	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/18/2010	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/23/2010	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/14/2011	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/27/2011	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/30/2011	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	6/18/2012	6	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	7/20/2013	7	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	5/12/2014	5	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	6/3/2014	6	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	8/1/2014	8	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	10/22/2014	10	17	17	1.62	34.61	3916	48.5615%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	169375.2209
5439000	8/28/1926	8	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	9/5/1926	9	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	10/29/1927	10	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/8/1928	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/9/1928	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/24/1928	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	6/8/1929	6	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	7/19/1929	7	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	7/20/1929	7	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	10/24/1929	10	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/26/1930	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/27/1930	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/28/1930	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	6/30/1931	6	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/22/1932	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	6/12/1932	6	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	6/12/1933	6	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	7/19/1933	7	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	7/2/1980	7	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	7/17/1980	7	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	7/16/1981	7	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	8/21/1981	8	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/24/1982	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/25/1982	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	8/14/1982	8	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	10/19/1982	10	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	9/21/1983	9	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	10/20/1984	10	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/24/1985	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/25/1985	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/26/1985	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	6/27/1985	6	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/3/1986	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/4/1986	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/11/1986	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/12/1986	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	6/30/1987	6	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	6/6/1988	6	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	6/24/1989	6	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	6/25/1989	6	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	6/26/1989	6	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	6/27/1989	6	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	8/26/1989	8	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	10/17/1989	10	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	10/20/1989	10	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	9/21/1990	9	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	10/13/1990	10	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	7/2/1991	7	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/31/1991	10	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	6/6/1992	6	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	7/21/1992	7	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	7/26/1992	7	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	9/19/1992	9	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	10/2/1992	10	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	10/3/1992	10	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	9/12/1993	9	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/9/1994	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	6/18/1994	6	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	6/21/1994	6	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	7/19/1994	7	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	7/20/1994	7	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	8/12/1994	8	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	10/10/1994	10	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	9/2/1996	9	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	9/3/1996	9	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	7/23/1998	7	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	7/11/1999	7	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	10/6/1999	10	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	9/25/2000	9	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	10/16/2001	10	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/1/2005	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/17/2005	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/27/2005	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/28/2005	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/25/2007	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	7/28/2008	7	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	7/22/2009	7	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	7/26/2009	7	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	8/8/2009	8	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	9/2/2010	9	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	7/15/2011	7	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	7/16/2011	7	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	8/3/2011	8	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/15/2014	5	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	6/4/2014	6	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	6/8/2014	6	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	10/24/2014	10	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	10/25/2014	10	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	8/4/2015	8	16	16	1.62	32.99	4001	49.6156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	161461.6673
5439000	5/9/1926	5	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/1/1926	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/11/1926	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/31/1926	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/1/1927	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	10/30/1927	10	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	5/10/1928	5	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	5/25/1928	5	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	8/11/1928	8	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	8/31/1928	8	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	10/23/1929	10	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	10/13/1930	10	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	5/23/1931	5	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	5/24/1931	5	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/7/1931	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	5/25/1932	5	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/5/1980	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	9/3/1981	9	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	9/28/1981	9	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/10/1984	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	10/18/1984	10	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	5/30/1985	5	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	5/31/1985	5	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	6/19/1985	6	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	10/14/1985	10	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	10/18/1985	10	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	5/7/1986	5	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/30/1986	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	8/6/1986	8	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	6/7/1988	6	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	6/8/1988	6	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	8/27/1989	8	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	9/3/1990	9	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/6/1991	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	10/5/1991	10	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	6/7/1992	6	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	10/8/1992	10	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	10/9/1992	10	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	10/16/1992	10	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	9/10/1993	9	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	5/10/1994	5	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	5/11/1994	5	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	5/12/1994	5	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/22/1994	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	8/16/1994	8	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/18/1995	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/21/1995	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/4/1996	9	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/24/1998	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	9/15/1998	9	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/25/2000	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	8/11/2000	8	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	10/11/2000	10	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/7/2002	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	6/16/2003	6	15	15	1.62	31.38	4090	50.7192%	Fecal	107	cfu/100ml	200	283.2	82148.24083	153548.1137
5439000	7/7/2003	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/15/2004	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	5/2/2005	5	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	5/18/2005	5	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	6/4/2005	6	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	9/27/2007	9	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	10/1/2007	10	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	10/3/2007	10	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	9/5/2008	9	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/20/2009	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	9/4/2009	9	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/19/2010	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	8/17/2010	8	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	8/2/2011	8	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	6/19/2012	6	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/7/2012	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/21/2013	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	5/14/2014	5	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	7/28/2014	7	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	8/4/2014	8	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	10/23/2014	10	15	15	1.62	31.38	4090	50.7192%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	153548.1137
5439000	5/10/1926	5	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	8/5/1926	8	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	9/3/1926	9	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	9/4/1926	9	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	9/14/1926	9	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	5/26/1928	5	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	5/27/1928	5	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/17/1928	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	8/12/1928	8	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	6/9/1929	6	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	6/10/1929	6	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	5/25/1931	5	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	5/31/1931	5	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	6/17/1931	6	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/16/1931	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/23/1932	5	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	5/28/1932	5	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	6/13/1933	6	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/3/1980	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/4/1980	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/12/1980	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/24/1980	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/17/1981	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	9/7/1981	9	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	9/8/1981	9	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	8/15/1982	8	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/10/1982	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/29/1983	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	8/5/1983	8	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	9/18/1983	9	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/2/1984	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/3/1984	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/4/1984	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	5/29/1985	5	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/16/1985	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	8/14/1985	8	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/9/1985	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/10/1985	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	5/10/1986	5	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/31/1986	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	9/24/1986	9	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/27/1987	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/17/1988	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/2/1989	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/14/1989	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/15/1989	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/16/1989	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/22/1989	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	9/4/1990	9	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/28/1990	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/7/1991	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	9/14/1991	9	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/29/1991	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	6/15/1992	6	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	6/18/1992	6	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/22/1992	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	8/4/1992	8	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/4/1992	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/5/1992	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/6/1992	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/10/1992	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	5/14/1994	5	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	5/15/1994	5	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	5/24/1994	5	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	8/22/1994	8	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/26/1995	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	9/28/1996	9	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/6/1997	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/7/1997	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/9/1997	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	8/18/1997	8	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/12/1999	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/26/1999	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/12/2000	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/14/2000	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/5/2001	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	8/25/2002	8	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	6/17/2003	6	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	6/18/2003	6	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	6/21/2003	6	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	5/3/2005	5	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	5/29/2005	5	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/22/2006	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/26/2006	10	14	14	1.62	29.76	4166	51.6617%	Fecal	160	cfu/100ml	200	283.2	116507.6481	145634.5601
5439000	10/27/2006	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/7/2007	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	9/28/2007	9	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/2/2007	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/4/2008	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/21/2009	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/28/2009	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	8/22/2009	8	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/3/2009	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/15/2009	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/20/2010	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	8/18/2010	8	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/17/2011	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	8/8/2011	8	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	8/10/2011	8	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	8/26/2011	8	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	7/29/2014	7	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	8/9/2014	8	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	8/24/2014	8	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/4/2014	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	10/26/2014	10	14	14	1.62	29.76	4166	51.6617%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	145634.5601
5439000	5/11/1926	5	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	5/13/1926	5	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/12/1926	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	9/11/1926	9	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	9/12/1926	9	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/31/1927	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	5/11/1928	5	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	5/12/1928	5	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	5/16/1928	5	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/17/1928	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/27/1928	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	8/7/1929	8	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	5/29/1930	5	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/14/1930	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	5/12/1931	5	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	5/13/1931	5	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	5/19/1931	5	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	5/30/1931	5	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/1/1931	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	5/24/1932	5	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/13/1932	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/14/1932	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/20/1932	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/14/1933	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/20/1933	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	8/22/1981	8	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	9/4/1981	9	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/30/1983	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/21/1984	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/27/1984	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/1/1985	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/20/1985	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/25/1985	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	5/8/1986	5	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	5/9/1986	5	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	9/28/1986	9	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/1/1987	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/15/1987	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	8/4/1987	8	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/9/1988	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/28/1989	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	8/30/1989	8	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/14/1989	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/23/1989	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	9/5/1990	9	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	9/8/1990	9	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/31/1990	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/6/1991	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/8/1992	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/9/1992	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/14/1992	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/16/1992	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/3/1992	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/27/1992	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/28/1992	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/7/1992	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	5/13/1994	5	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/11/1994	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/19/1995	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/22/1995	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/23/1995	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/24/1995	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	9/5/1996	9	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/31/1996	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	9/17/1997	9	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/25/1999	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/26/2000	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/13/2000	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/15/2000	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/16/2000	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	9/7/2001	9	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/8/2002	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	8/15/2002	8	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/22/2003	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/26/2003	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/16/2004	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	5/30/2005	5	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/6/2005	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/7/2006	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	9/30/2007	9	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/4/2007	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/17/2007	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/5/2008	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/31/2008	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/27/2009	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	9/5/2009	9	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/16/2009	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/21/2010	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	8/19/2010	8	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/18/2011	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/31/2011	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	8/22/2011	8	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/1/2011	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	6/20/2012	6	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/20/2012	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/22/2013	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	7/23/2013	7	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	5/11/2014	5	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	8/29/2014	8	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/27/2014	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	10/28/2014	10	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	8/5/2015	8	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	8/11/2015	8	13	13	1.62	28.14	4271	52.9638%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	137721.0065
5439000	8/6/1926	8	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	5/13/1928	5	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	5/14/1928	5	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	5/28/1928	5	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/18/1928	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	8/13/1928	8	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/19/1928	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/20/1928	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/22/1928	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/21/1929	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	8/2/1929	8	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	5/30/1930	5	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	5/31/1930	5	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	6/29/1930	6	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/16/1930	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	5/14/1931	5	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	5/15/1931	5	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	6/1/1931	6	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	5/29/1932	5	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	6/15/1933	6	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/6/1980	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/7/1980	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	8/7/1980	8	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/18/1981	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	9/9/1981	9	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	8/16/1982	8	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/22/1982	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/31/1983	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	9/6/1983	9	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/5/1984	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	6/2/1985	6	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	6/3/1985	6	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	6/5/1985	6	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	6/26/1985	6	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/17/1985	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	8/2/1985	8	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/15/1985	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	8/1/1986	8	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	9/25/1986	9	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	5/5/1989	5	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/13/1989	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/18/1989	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/19/1989	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/25/1989	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/29/1989	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	9/6/1990	9	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/9/1990	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/29/1990	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/30/1990	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	6/10/1992	6	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	6/11/1992	6	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	6/12/1992	6	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	6/13/1992	6	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/5/1992	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/11/1992	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/12/1992	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/17/1992	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	5/16/1994	5	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	5/23/1994	5	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/23/1994	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	9/25/1994	9	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/12/1994	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/28/1995	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/27/1995	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	9/6/1996	9	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	9/9/1996	9	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/25/1998	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/13/1999	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/7/1999	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/27/2000	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	8/4/2000	8	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/14/2000	9	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	9/26/2000	9	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/17/2000	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/18/2000	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/19/2000	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/20/2000	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/26/2000	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/27/2000	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/6/2001	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/7/2001	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/12/2001	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/17/2001	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/9/2002	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	6/23/2003	6	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/16/2003	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/17/2004	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/18/2004	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	5/4/2005	5	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	5/5/2005	5	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	5/6/2005	5	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	5/7/2005	5	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	9/23/2006	9	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/17/2006	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/29/2006	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	8/3/2007	8	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	9/29/2007	9	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/14/2007	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/15/2007	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/20/2007	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/9/2008	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/29/2009	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	8/9/2009	8	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	9/6/2009	9	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/4/2009	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/17/2009	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/21/2009	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	8/20/2010	8	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	9/3/2010	9	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/19/2011	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	8/13/2011	8	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/13/2011	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	10/15/2012	10	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	6/5/2014	6	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	7/30/2014	7	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/6/2014	9	12	12	1.62	26.53	4374	54.2411%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	129807.4529
5439000	5/19/1926	5	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/13/1926	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	9/13/1926	9	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/3/1927	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/4/1927	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	5/29/1928	5	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/14/1928	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	9/16/1928	9	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/18/1928	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/28/1928	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/22/1929	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/29/1929	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/22/1929	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/1/1930	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/7/1930	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/31/1930	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/14/1930	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	5/11/1931	5	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	5/26/1931	5	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/18/1931	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/8/1931	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/17/1931	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	5/30/1932	5	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/5/1932	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/27/1932	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/9/1932	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/11/1932	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	9/14/1932	9	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/16/1933	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/21/1933	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/13/1980	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/25/1980	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/19/1981	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/28/1981	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/23/1981	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/17/1982	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	9/19/1983	9	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/24/1983	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/6/1984	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/4/1985	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/6/1985	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/9/1985	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/11/1985	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/18/1985	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/4/1985	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/11/1985	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/2/1986	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/2/1987	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/13/1987	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/10/1988	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/11/1988	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/12/1988	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/13/1988	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/11/1988	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	5/1/1989	5	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	5/2/1989	5	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	5/3/1989	5	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	5/4/1989	5	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	5/15/1989	5	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	5/16/1989	5	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/24/1989	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/30/1989	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	9/9/1990	9	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/22/1991	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	9/5/1991	9	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/19/1992	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/5/1992	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/21/1992	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	5/25/1994	5	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/22/1994	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/1/1994	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/17/1994	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/18/1994	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/26/1994	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/13/1994	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/25/1995	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/19/1995	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/7/1995	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	9/7/1996	9	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/10/1997	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/16/1997	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/8/1998	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/14/1999	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/8/1999	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/12/2000	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/21/2000	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/22/2000	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/24/2000	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/25/2000	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/28/2000	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/8/2001	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/18/2001	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/10/2002	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/11/2002	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/24/2003	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/25/2003	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/27/2003	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/28/2003	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/29/2003	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/5/2003	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/22/2004	7	11	11	1.62	24.91	4490	55.6796%	Fecal	100	cfu/100ml	200	283.2	60946.94964	121893.8993
5439000	10/30/2004	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	5/8/2005	5	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	5/9/2005	5	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	5/10/2005	5	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	5/31/2005	5	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/1/2005	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/7/2005	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/11/2006	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/28/2006	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/5/2007	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/6/2007	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/7/2007	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/8/2007	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/9/2007	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/12/2007	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/6/2008	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/30/2009	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	9/7/2009	9	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/18/2009	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/19/2009	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/20/2009	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/22/2010	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/21/2010	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/20/2011	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/1/2011	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/2/2011	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/24/2011	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	6/21/2012	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	7/24/2013	7	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/23/2013	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/7/2014	6	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/10/2014	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	9/14/2014	9	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	10/29/2014	10	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	8/6/2015	8	11	11	1.62	24.91	4490	55.6796%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	121893.8993
5439000	5/16/1926	5	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	5/20/1926	5	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	5/15/1928	5	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	6/18/1928	6	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	9/1/1928	9	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	6/2/1930	6	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	6/6/1930	6	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	6/8/1930	6	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	6/2/1931	6	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	5/31/1932	5	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	6/1/1932	6	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	6/21/1932	6	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	10/27/1932	10	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	6/17/1933	6	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	7/8/1980	7	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	7/18/1980	7	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	7/26/1980	7	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	7/27/1980	7	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	7/20/1981	7	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	8/24/1981	8	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	9/5/1981	9	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	7/20/1985	7	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	7/26/1985	7	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	9/21/1986	9	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	7/3/1987	7	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	6/14/1988	6	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	5/18/1989	5	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	6/29/1989	6	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	10/31/1989	10	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	7/8/1991	7	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	7/12/1992	7	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	7/15/1992	7	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	10/22/1992	10	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	5/17/1994	5	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	5/26/1994	5	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	8/23/1994	8	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	7/27/1995	7	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	10/6/1998	10	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	7/28/2000	7	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/13/2000	8	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	8/18/2000	8	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	9/27/2000	9	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	10/23/2000	10	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	7/9/2001	7	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	10/5/2001	10	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	6/2/2005	6	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	6/3/2005	6	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	6/8/2005	6	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	7/8/2006	7	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	10/10/2007	10	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	10/13/2007	10	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	7/31/2009	7	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	9/8/2009	9	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	10/9/2009	10	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	10/10/2009	10	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	8/4/2011	8	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	8/11/2011	8	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	8/14/2011	8	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	8/27/2011	8	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	10/14/2011	10	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	6/22/2012	6	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	9/17/2012	9	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	10/23/2012	10	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	8/24/2013	8	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	6/6/2014	6	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	7/31/2014	7	10	10	1.62	23.29	4626	57.3661%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113980.3457
5439000	8/7/1926	8	9.9	9.9	1.62	23.13	4692	58.1845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113188.9903
5439000	8/29/1926	8	9.9	9.9	1.62	23.13	4692	58.1845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113188.9903
5439000	7/13/1930	7	9.9	9.9	1.62	23.13	4692	58.1845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113188.9903
5439000	10/15/1930	10	9.9	9.9	1.62	23.13	4692	58.1845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113188.9903
5439000	5/6/1989	5	9.9	9.9	1.62	23.13	4692	58.1845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113188.9903
5439000	5/13/1989	5	9.9	9.9	1.62	23.13	4692	58.1845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113188.9903
5439000	7/15/1989	7	9.9	9.9	1.62	23.13	4692	58.1845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113188.9903
5439000	10/26/1989	10	9.9	9.9	1.62	23.13	4692	58.1845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113188.9903
5439000	7/6/1992	7	9.9	9.9	1.62	23.13	4692	58.1845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113188.9903
5439000	7/11/1997	7	9.9	9.9	1.62	23.13	4692	58.1845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113188.9903
5439000	10/29/2000	10	9.9	9.9	1.62	23.13	4692	58.1845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113188.9903
5439000	9/25/2001	9	9.9	9.9	1.62	23.13	4692	58.1845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113188.9903
5439000	6/9/2005	6	9.9	9.9	1.62	23.13	4692	58.1845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113188.9903
5439000	10/11/2007	10	9.9	9.9	1.62	23.13	4692	58.1845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113188.9903
5439000	9/5/2012	9	9.9	9.9	1.62	23.13	4692	58.1845%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	113188.9903
5439000	7/5/1927	7	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	7/8/1927	7	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/9/1927	7	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	5/10/1931	5	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	5/16/1931	5	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	5/27/1931	5	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	7/9/1931	7	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	7/10/1932	7	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	8/26/1981	8	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	8/1/1983	8	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	6/7/1985	6	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	6/8/1985	6	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	5/10/1989	5	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	10/13/1992	10	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	10/18/1992	10	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	10/14/1994	10	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	10/15/1994	10	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	7/29/2000	7	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	7/30/2000	7	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	7/19/2004	7	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	10/26/2010	10	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	8/7/2011	8	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	10/5/2014	10	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	8/7/2015	8	9.8	9.8	1.62	22.97	4707	58.3705%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	112397.635
5439000	8/15/1928	8	9.7	9.7	1.62	22.81	4731	58.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	111606.2796
5439000	5/14/1989	5	9.7	9.7	1.62	22.81	4731	58.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	111606.2796
5439000	5/18/1994	5	9.7	9.7	1.62	22.81	4731	58.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	111606.2796
5439000	5/21/1994	5	9.7	9.7	1.62	22.81	4731	58.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	111606.2796
5439000	7/8/2007	7	9.7	9.7	1.62	22.81	4731	58.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	111606.2796
5439000	10/27/2007	10	9.7	9.7	1.62	22.81	4731	58.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	111606.2796
5439000	10/5/2009	10	9.7	9.7	1.62	22.81	4731	58.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	111606.2796
5439000	7/21/2011	7	9.7	9.7	1.62	22.81	4731	58.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	111606.2796
5439000	10/3/2011	10	9.7	9.7	1.62	22.81	4731	58.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	111606.2796
5439000	7/8/2012	7	9.7	9.7	1.62	22.81	4731	58.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	111606.2796
5439000	7/26/2013	7	9.7	9.7	1.62	22.81	4731	58.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	111606.2796
5439000	8/30/2014	8	9.7	9.7	1.62	22.81	4731	58.6682%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	111606.2796
5439000	7/14/1980	7	9.6	9.6	1.62	22.64	4743	58.8170%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110814.9242
5439000	7/19/1985	7	9.6	9.6	1.62	22.64	4743	58.8170%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110814.9242
5439000	7/30/1987	7	9.6	9.6	1.62	22.64	4743	58.8170%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110814.9242
5439000	10/19/1992	10	9.6	9.6	1.62	22.64	4743	58.8170%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110814.9242
5439000	7/24/1994	7	9.6	9.6	1.62	22.64	4743	58.8170%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110814.9242
5439000	9/10/1996	9	9.6	9.6	1.62	22.64	4743	58.8170%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110814.9242
5439000	10/31/2000	10	9.6	9.6	1.62	22.64	4743	58.8170%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110814.9242
5439000	9/18/2006	9	9.6	9.6	1.62	22.64	4743	58.8170%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110814.9242
5439000	10/21/2007	10	9.6	9.6	1.62	22.64	4743	58.8170%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110814.9242
5439000	9/9/2009	9	9.6	9.6	1.62	22.64	4743	58.8170%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110814.9242

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/23/2012	6	9.6	9.6	1.62	22.64	4743	58.8170%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110814.9242
5439000	8/25/2014	8	9.6	9.6	1.62	22.64	4743	58.8170%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110814.9242
5439000	5/12/1926	5	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	5/14/1926	5	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	5/21/1926	5	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	5/22/1926	5	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	9/30/1930	9	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	6/2/1932	6	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	6/3/1932	6	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	8/8/1980	8	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	7/26/1981	7	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	8/18/1984	8	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	10/22/1984	10	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	9/15/1991	9	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	10/20/1992	10	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	5/20/1994	5	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	5/22/1994	5	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	7/15/1999	7	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	7/17/1999	7	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	10/30/2000	10	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	10/30/2006	10	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	8/1/2008	8	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	8/23/2009	8	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	8/22/2010	8	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	8/13/2014	8	9.5	9.5	1.62	22.48	4755	58.9658%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	110023.5689
5439000	9/30/1927	9	9.4	9.4	1.62	22.32	4778	59.2510%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	109232.2135
5439000	7/23/1929	7	9.4	9.4	1.62	22.32	4778	59.2510%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	109232.2135
5439000	8/8/1929	8	9.4	9.4	1.62	22.32	4778	59.2510%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	109232.2135
5439000	9/10/1981	9	9.4	9.4	1.62	22.32	4778	59.2510%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	109232.2135
5439000	10/23/1982	10	9.4	9.4	1.62	22.32	4778	59.2510%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	109232.2135
5439000	8/2/1983	8	9.4	9.4	1.62	22.32	4778	59.2510%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	109232.2135
5439000	7/12/1984	7	9.4	9.4	1.62	22.32	4778	59.2510%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	109232.2135
5439000	9/10/1990	9	9.4	9.4	1.62	22.32	4778	59.2510%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	109232.2135
5439000	10/14/1992	10	9.4	9.4	1.62	22.32	4778	59.2510%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	109232.2135
5439000	10/16/1994	10	9.4	9.4	1.62	22.32	4778	59.2510%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	109232.2135
5439000	7/25/2013	7	9.4	9.4	1.62	22.32	4778	59.2510%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	109232.2135
5439000	7/21/1985	7	9.3	9.3	1.62	22.16	4789	59.3874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	108440.8582
5439000	8/8/1987	8	9.3	9.3	1.62	22.16	4789	59.3874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	108440.8582
5439000	6/20/1992	6	9.3	9.3	1.62	22.16	4789	59.3874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	108440.8582
5439000	10/24/1992	10	9.3	9.3	1.62	22.16	4789	59.3874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	108440.8582
5439000	8/2/1994	8	9.3	9.3	1.62	22.16	4789	59.3874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	108440.8582
5439000	10/24/1995	10	9.3	9.3	1.62	22.16	4789	59.3874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	108440.8582
5439000	7/26/1998	7	9.3	9.3	1.62	22.16	4789	59.3874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	108440.8582
5439000	8/1/2009	8	9.3	9.3	1.62	22.16	4789	59.3874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	108440.8582

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/10/2009	8	9.3	9.3	1.62	22.16	4789	59.3874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	108440.8582
5439000	10/11/2009	10	9.3	9.3	1.62	22.16	4789	59.3874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	108440.8582
5439000	7/20/2012	7	9.3	9.3	1.62	22.16	4789	59.3874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	108440.8582
5439000	6/30/1930	6	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	9/2/1930	9	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	5/1/1931	5	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	5/8/1931	5	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	5/9/1931	5	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	6/19/1931	6	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	8/14/1986	8	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	8/5/1987	8	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	6/15/1988	6	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	10/27/1989	10	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	10/7/1991	10	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	7/13/1992	7	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	7/29/1992	7	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	7/19/1999	7	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	6/10/2005	6	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	8/7/2008	8	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	8/2/2009	8	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	10/6/2009	10	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	9/1/2013	9	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	8/3/2014	8	9.2	9.2	1.62	22.00	4800	59.5238%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	107649.5028
5439000	7/14/1926	7	9.1	9.1	1.62	21.84	4820	59.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106858.1474
5439000	8/30/1926	8	9.1	9.1	1.62	21.84	4820	59.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106858.1474
5439000	9/1/1926	9	9.1	9.1	1.62	21.84	4820	59.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106858.1474
5439000	7/28/1980	7	9.1	9.1	1.62	21.84	4820	59.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106858.1474
5439000	7/21/1981	7	9.1	9.1	1.62	21.84	4820	59.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106858.1474
5439000	8/5/1981	8	9.1	9.1	1.62	21.84	4820	59.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106858.1474
5439000	10/28/1989	10	9.1	9.1	1.62	21.84	4820	59.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106858.1474
5439000	10/25/1992	10	9.1	9.1	1.62	21.84	4820	59.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106858.1474
5439000	5/19/1994	5	9.1	9.1	1.62	21.84	4820	59.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106858.1474
5439000	8/14/2000	8	9.1	9.1	1.62	21.84	4820	59.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106858.1474
5439000	7/21/2003	7	9.1	9.1	1.62	21.84	4820	59.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106858.1474
5439000	9/4/2010	9	9.1	9.1	1.62	21.84	4820	59.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106858.1474
5439000	10/15/2011	10	9.1	9.1	1.62	21.84	4820	59.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106858.1474
5439000	10/16/2011	10	9.1	9.1	1.62	21.84	4820	59.7718%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106858.1474
5439000	7/6/1927	7	9	9	1.62	21.67	4834	59.9454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106066.7921
5439000	7/22/1933	7	9	9	1.62	21.67	4834	59.9454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106066.7921
5439000	7/19/1980	7	9	9	1.62	21.67	4834	59.9454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106066.7921
5439000	7/27/1981	7	9	9	1.62	21.67	4834	59.9454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106066.7921
5439000	8/18/1982	8	9	9	1.62	21.67	4834	59.9454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106066.7921
5439000	9/17/1982	9	9	9	1.62	21.67	4834	59.9454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106066.7921
5439000	8/6/1983	8	9	9	1.62	21.67	4834	59.9454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106066.7921

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/9/1989	5	9	9	1.62	21.67	4834	59.9454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106066.7921
5439000	7/3/1989	7	9	9	1.62	21.67	4834	59.9454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106066.7921
5439000	7/4/1992	7	9	9	1.62	21.67	4834	59.9454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106066.7921
5439000	7/27/1999	7	9	9	1.62	21.67	4834	59.9454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106066.7921
5439000	7/20/2004	7	9	9	1.62	21.67	4834	59.9454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106066.7921
5439000	9/6/2006	9	9	9	1.62	21.67	4834	59.9454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106066.7921
5439000	6/9/2014	6	9	9	1.62	21.67	4834	59.9454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106066.7921
5439000	6/10/2014	6	9	9	1.62	21.67	4834	59.9454%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	106066.7921
5439000	5/30/1928	5	8.9	8.9	1.62	21.51	4849	60.1314%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	105275.4367
5439000	8/7/1986	8	8.9	8.9	1.62	21.51	4849	60.1314%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	105275.4367
5439000	5/7/1989	5	8.9	8.9	1.62	21.51	4849	60.1314%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	105275.4367
5439000	6/30/1989	6	8.9	8.9	1.62	21.51	4849	60.1314%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	105275.4367
5439000	10/23/1992	10	8.9	8.9	1.62	21.51	4849	60.1314%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	105275.4367
5439000	5/27/1994	5	8.9	8.9	1.62	21.51	4849	60.1314%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	105275.4367
5439000	10/17/1994	10	8.9	8.9	1.62	21.51	4849	60.1314%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	105275.4367
5439000	10/14/1999	10	8.9	8.9	1.62	21.51	4849	60.1314%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	105275.4367
5439000	7/10/2001	7	8.9	8.9	1.62	21.51	4849	60.1314%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	105275.4367
5439000	9/9/2001	9	8.9	8.9	1.62	21.51	4849	60.1314%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	105275.4367
5439000	7/12/2002	7	8.9	8.9	1.62	21.51	4849	60.1314%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	105275.4367
5439000	6/30/2003	6	8.9	8.9	1.62	21.51	4849	60.1314%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	105275.4367
5439000	10/22/2007	10	8.9	8.9	1.62	21.51	4849	60.1314%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	105275.4367
5439000	10/30/2014	10	8.9	8.9	1.62	21.51	4849	60.1314%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	105275.4367
5439000	6/3/1930	6	8.8	8.8	1.62	21.35	4863	60.3051%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	104484.0814
5439000	10/25/1931	10	8.8	8.8	1.62	21.35	4863	60.3051%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	104484.0814
5439000	10/26/1932	10	8.8	8.8	1.62	21.35	4863	60.3051%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	104484.0814
5439000	7/15/1980	7	8.8	8.8	1.62	21.35	4863	60.3051%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	104484.0814
5439000	9/11/1990	9	8.8	8.8	1.62	21.35	4863	60.3051%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	104484.0814
5439000	5/28/1994	5	8.8	8.8	1.62	21.35	4863	60.3051%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	104484.0814
5439000	10/27/1997	10	8.8	8.8	1.62	21.35	4863	60.3051%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	104484.0814
5439000	10/23/2007	10	8.8	8.8	1.62	21.35	4863	60.3051%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	104484.0814
5439000	10/12/2009	10	8.8	8.8	1.62	21.35	4863	60.3051%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	104484.0814
5439000	5/15/1926	5	8.7	8.7	1.62	21.19	4872	60.4167%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	103692.726
5439000	5/18/1926	5	8.7	8.7	1.62	21.19	4872	60.4167%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	103692.726
5439000	5/23/1926	5	8.7	8.7	1.62	21.19	4872	60.4167%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	103692.726
5439000	5/2/1931	5	8.7	8.7	1.62	21.19	4872	60.4167%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	103692.726
5439000	5/6/1931	5	8.7	8.7	1.62	21.19	4872	60.4167%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	103692.726
5439000	5/18/1931	5	8.7	8.7	1.62	21.19	4872	60.4167%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	103692.726
5439000	5/29/1931	5	8.7	8.7	1.62	21.19	4872	60.4167%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	103692.726
5439000	6/18/1933	6	8.7	8.7	1.62	21.19	4872	60.4167%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	103692.726
5439000	8/6/1985	8	8.7	8.7	1.62	21.19	4872	60.4167%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	103692.726
5439000	8/15/1985	8	8.7	8.7	1.62	21.19	4872	60.4167%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	103692.726
5439000	10/16/1985	10	8.7	8.7	1.62	21.19	4872	60.4167%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	103692.726
5439000	5/8/1989	5	8.7	8.7	1.62	21.19	4872	60.4167%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	103692.726
5439000	7/7/1992	7	8.7	8.7	1.62	21.19	4872	60.4167%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	103692.726

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/10/2009	9	8.7	8.7	1.62	21.19	4872	60.4167%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	103692.726
5439000	10/4/2011	10	8.7	8.7	1.62	21.19	4872	60.4167%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	103692.726
5439000	7/12/1927	7	8.6	8.6	1.62	21.03	4887	60.6027%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102901.3706
5439000	7/24/1929	7	8.6	8.6	1.62	21.03	4887	60.6027%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102901.3706
5439000	7/30/1929	7	8.6	8.6	1.62	21.03	4887	60.6027%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102901.3706
5439000	7/10/1931	7	8.6	8.6	1.62	21.03	4887	60.6027%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102901.3706
5439000	7/22/1981	7	8.6	8.6	1.62	21.03	4887	60.6027%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102901.3706
5439000	8/2/1981	8	8.6	8.6	1.62	21.03	4887	60.6027%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102901.3706
5439000	8/27/1981	8	8.6	8.6	1.62	21.03	4887	60.6027%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102901.3706
5439000	9/6/1981	9	8.6	8.6	1.62	21.03	4887	60.6027%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102901.3706
5439000	7/1/1989	7	8.6	8.6	1.62	21.03	4887	60.6027%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102901.3706
5439000	8/6/1992	8	8.6	8.6	1.62	21.03	4887	60.6027%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102901.3706
5439000	10/21/1994	10	8.6	8.6	1.62	21.03	4887	60.6027%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102901.3706
5439000	10/9/1999	10	8.6	8.6	1.62	21.03	4887	60.6027%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102901.3706
5439000	10/26/2007	10	8.6	8.6	1.62	21.03	4887	60.6027%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102901.3706
5439000	6/24/2012	6	8.6	8.6	1.62	21.03	4887	60.6027%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102901.3706
5439000	7/1/2012	7	8.6	8.6	1.62	21.03	4887	60.6027%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102901.3706
5439000	10/22/2012	10	8.6	8.6	1.62	21.03	4887	60.6027%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102901.3706
5439000	6/6/1928	6	8.5	8.5	1.62	20.87	4903	60.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102110.0153
5439000	7/9/1930	7	8.5	8.5	1.62	20.87	4903	60.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102110.0153
5439000	8/19/1982	8	8.5	8.5	1.62	20.87	4903	60.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102110.0153
5439000	5/12/1989	5	8.5	8.5	1.62	20.87	4903	60.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102110.0153
5439000	9/22/1990	9	8.5	8.5	1.62	20.87	4903	60.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102110.0153
5439000	5/29/1994	5	8.5	8.5	1.62	20.87	4903	60.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102110.0153
5439000	10/22/1994	10	8.5	8.5	1.62	20.87	4903	60.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102110.0153
5439000	10/23/1994	10	8.5	8.5	1.62	20.87	4903	60.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102110.0153
5439000	10/14/2003	10	8.5	8.5	1.62	20.87	4903	60.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102110.0153
5439000	7/9/2006	7	8.5	8.5	1.62	20.87	4903	60.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102110.0153
5439000	8/4/2007	8	8.5	8.5	1.62	20.87	4903	60.8011%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	102110.0153
5439000	5/3/1931	5	8.4	8.4	1.62	20.70	4914	60.9375%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	101318.6599
5439000	5/28/1931	5	8.4	8.4	1.62	20.70	4914	60.9375%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	101318.6599
5439000	6/3/1931	6	8.4	8.4	1.62	20.70	4914	60.9375%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	101318.6599
5439000	7/20/1980	7	8.4	8.4	1.62	20.70	4914	60.9375%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	101318.6599
5439000	7/7/1984	7	8.4	8.4	1.62	20.70	4914	60.9375%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	101318.6599
5439000	9/22/1986	9	8.4	8.4	1.62	20.70	4914	60.9375%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	101318.6599
5439000	10/26/1992	10	8.4	8.4	1.62	20.70	4914	60.9375%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	101318.6599
5439000	10/27/1992	10	8.4	8.4	1.62	20.70	4914	60.9375%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	101318.6599
5439000	10/18/1994	10	8.4	8.4	1.62	20.70	4914	60.9375%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	101318.6599
5439000	9/11/1996	9	8.4	8.4	1.62	20.70	4914	60.9375%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	101318.6599
5439000	10/3/1998	10	8.4	8.4	1.62	20.70	4914	60.9375%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	101318.6599
5439000	9/28/2000	9	8.4	8.4	1.62	20.70	4914	60.9375%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	101318.6599
5439000	8/16/2002	8	8.4	8.4	1.62	20.70	4914	60.9375%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	101318.6599
5439000	8/3/2009	8	8.4	8.4	1.62	20.70	4914	60.9375%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	101318.6599
5439000	10/6/2011	10	8.4	8.4	1.62	20.70	4914	60.9375%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	101318.6599

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/15/1926	7	8.3	8.3	1.62	20.54	4929	61.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	100527.3046
5439000	8/8/1926	8	8.3	8.3	1.62	20.54	4929	61.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	100527.3046
5439000	8/31/1926	8	8.3	8.3	1.62	20.54	4929	61.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	100527.3046
5439000	9/2/1926	9	8.3	8.3	1.62	20.54	4929	61.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	100527.3046
5439000	8/25/1981	8	8.3	8.3	1.62	20.54	4929	61.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	100527.3046
5439000	6/17/1988	6	8.3	8.3	1.62	20.54	4929	61.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	100527.3046
5439000	9/26/1994	9	8.3	8.3	1.62	20.54	4929	61.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	100527.3046
5439000	10/20/1994	10	8.3	8.3	1.62	20.54	4929	61.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	100527.3046
5439000	10/23/1996	10	8.3	8.3	1.62	20.54	4929	61.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	100527.3046
5439000	7/27/1998	7	8.3	8.3	1.62	20.54	4929	61.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	100527.3046
5439000	10/15/1999	10	8.3	8.3	1.62	20.54	4929	61.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	100527.3046
5439000	10/1/2009	10	8.3	8.3	1.62	20.54	4929	61.1235%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	100527.3046
5439000	7/11/1927	7	8.2	8.2	1.62	20.38	4941	61.2723%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	99735.9492
5439000	6/9/1930	6	8.2	8.2	1.62	20.38	4941	61.2723%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	99735.9492
5439000	7/12/1932	7	8.2	8.2	1.62	20.38	4941	61.2723%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	99735.9492
5439000	8/6/1981	8	8.2	8.2	1.62	20.38	4941	61.2723%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	99735.9492
5439000	5/17/1989	5	8.2	8.2	1.62	20.38	4941	61.2723%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	99735.9492
5439000	6/24/1992	6	8.2	8.2	1.62	20.38	4941	61.2723%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	99735.9492
5439000	10/28/1992	10	8.2	8.2	1.62	20.38	4941	61.2723%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	99735.9492
5439000	10/19/1994	10	8.2	8.2	1.62	20.38	4941	61.2723%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	99735.9492
5439000	7/16/1999	7	8.2	8.2	1.62	20.38	4941	61.2723%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	99735.9492
5439000	8/25/1999	8	8.2	8.2	1.62	20.38	4941	61.2723%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	99735.9492
5439000	10/21/2001	10	8.2	8.2	1.62	20.38	4941	61.2723%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	99735.9492
5439000	7/6/2003	7	8.2	8.2	1.62	20.38	4941	61.2723%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	99735.9492
5439000	6/11/2005	6	8.2	8.2	1.62	20.38	4941	61.2723%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	99735.9492
5439000	9/22/2009	9	8.2	8.2	1.62	20.38	4941	61.2723%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	99735.9492
5439000	10/13/2009	10	8.2	8.2	1.62	20.38	4941	61.2723%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	99735.9492
5439000	8/8/2015	8	8.2	8.2	1.62	20.38	4941	61.2723%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	99735.9492
5439000	6/1/1928	6	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384
5439000	8/16/1928	8	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384
5439000	8/17/1928	8	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384
5439000	8/18/1928	8	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384
5439000	10/29/1928	10	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384
5439000	5/4/1931	5	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384
5439000	10/18/1931	10	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384
5439000	8/3/1983	8	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384
5439000	9/22/1983	9	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384
5439000	7/4/1987	7	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384
5439000	6/25/1992	6	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384
5439000	10/29/1992	10	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384
5439000	10/24/1994	10	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384
5439000	10/29/1994	10	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384
5439000	9/22/2001	9	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384
5439000	10/19/2001	10	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/8/2008	9	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384
5439000	9/18/2012	9	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384
5439000	10/31/2014	10	8.1	8.1	1.62	20.22	4957	61.4707%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98944.59384
5439000	7/25/1981	7	8	8	1.62	20.06	4976	61.7063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98153.23847
5439000	7/8/1984	7	8	8	1.62	20.06	4976	61.7063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98153.23847
5439000	6/12/1985	6	8	8	1.62	20.06	4976	61.7063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98153.23847
5439000	8/3/1986	8	8	8	1.62	20.06	4976	61.7063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98153.23847
5439000	5/11/1989	5	8	8	1.62	20.06	4976	61.7063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98153.23847
5439000	10/4/1991	10	8	8	1.62	20.06	4976	61.7063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98153.23847
5439000	7/14/1992	7	8	8	1.62	20.06	4976	61.7063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98153.23847
5439000	10/31/1992	10	8	8	1.62	20.06	4976	61.7063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98153.23847
5439000	5/30/1994	5	8	8	1.62	20.06	4976	61.7063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98153.23847
5439000	7/25/1994	7	8	8	1.62	20.06	4976	61.7063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98153.23847
5439000	7/29/1995	7	8	8	1.62	20.06	4976	61.7063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98153.23847
5439000	7/18/1997	7	8	8	1.62	20.06	4976	61.7063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98153.23847
5439000	7/28/1998	7	8	8	1.62	20.06	4976	61.7063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98153.23847
5439000	10/7/1998	10	8	8	1.62	20.06	4976	61.7063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98153.23847
5439000	7/23/2003	7	8	8	1.62	20.06	4976	61.7063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98153.23847
5439000	10/7/2009	10	8	8	1.62	20.06	4976	61.7063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98153.23847
5439000	10/23/2010	10	8	8	1.62	20.06	4976	61.7063%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	98153.23847
5439000	5/17/1926	5	7.9	7.9	1.62	19.90	4993	61.9172%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	97361.88311
5439000	5/30/1926	5	7.9	7.9	1.62	19.90	4993	61.9172%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	97361.88311
5439000	6/4/1932	6	7.9	7.9	1.62	19.90	4993	61.9172%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	97361.88311
5439000	6/22/1932	6	7.9	7.9	1.62	19.90	4993	61.9172%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	97361.88311
5439000	7/23/1981	7	7.9	7.9	1.62	19.90	4993	61.9172%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	97361.88311
5439000	8/3/1985	8	7.9	7.9	1.62	19.90	4993	61.9172%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	97361.88311
5439000	6/21/1992	6	7.9	7.9	1.62	19.90	4993	61.9172%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	97361.88311
5439000	9/12/1996	9	7.9	7.9	1.62	19.90	4993	61.9172%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	97361.88311
5439000	7/12/1997	7	7.9	7.9	1.62	19.90	4993	61.9172%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	97361.88311
5439000	7/17/2003	7	7.9	7.9	1.62	19.90	4993	61.9172%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	97361.88311
5439000	7/10/2006	7	7.9	7.9	1.62	19.90	4993	61.9172%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	97361.88311
5439000	10/2/2006	10	7.9	7.9	1.62	19.90	4993	61.9172%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	97361.88311
5439000	10/24/2007	10	7.9	7.9	1.62	19.90	4993	61.9172%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	97361.88311
5439000	8/11/1929	8	7.8	7.8	1.62	19.73	5006	62.0784%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	96570.52775
5439000	7/1/1930	7	7.8	7.8	1.62	19.73	5006	62.0784%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	96570.52775
5439000	5/7/1931	5	7.8	7.8	1.62	19.73	5006	62.0784%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	96570.52775
5439000	5/17/1931	5	7.8	7.8	1.62	19.73	5006	62.0784%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	96570.52775
5439000	10/27/1931	10	7.8	7.8	1.62	19.73	5006	62.0784%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	96570.52775
5439000	7/29/1981	7	7.8	7.8	1.62	19.73	5006	62.0784%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	96570.52775
5439000	8/9/1987	8	7.8	7.8	1.62	19.73	5006	62.0784%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	96570.52775
5439000	6/23/1992	6	7.8	7.8	1.62	19.73	5006	62.0784%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	96570.52775
5439000	8/8/1992	8	7.8	7.8	1.62	19.73	5006	62.0784%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	96570.52775
5439000	7/12/2006	7	7.8	7.8	1.62	19.73	5006	62.0784%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	96570.52775
5439000	10/14/2009	10	7.8	7.8	1.62	19.73	5006	62.0784%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	96570.52775

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/26/2014	8	7.8	7.8	1.62	19.73	5006	62.0784%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	96570.52775
5439000	9/7/2014	9	7.8	7.8	1.62	19.73	5006	62.0784%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	96570.52775
5439000	10/1/1927	10	7.7	7.7	1.62	19.57	5019	62.2396%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	95779.17239
5439000	9/11/1981	9	7.7	7.7	1.62	19.57	5019	62.2396%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	95779.17239
5439000	8/20/1982	8	7.7	7.7	1.62	19.57	5019	62.2396%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	95779.17239
5439000	10/29/1982	10	7.7	7.7	1.62	19.57	5019	62.2396%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	95779.17239
5439000	9/13/1984	9	7.7	7.7	1.62	19.57	5019	62.2396%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	95779.17239
5439000	8/8/1986	8	7.7	7.7	1.62	19.57	5019	62.2396%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	95779.17239
5439000	6/16/1988	6	7.7	7.7	1.62	19.57	5019	62.2396%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	95779.17239
5439000	7/4/1989	7	7.7	7.7	1.62	19.57	5019	62.2396%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	95779.17239
5439000	9/12/1990	9	7.7	7.7	1.62	19.57	5019	62.2396%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	95779.17239
5439000	10/26/1994	10	7.7	7.7	1.62	19.57	5019	62.2396%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	95779.17239
5439000	10/10/1999	10	7.7	7.7	1.62	19.57	5019	62.2396%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	95779.17239
5439000	7/23/2004	7	7.7	7.7	1.62	19.57	5019	62.2396%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	95779.17239
5439000	6/12/2005	6	7.7	7.7	1.62	19.57	5019	62.2396%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	95779.17239
5439000	8/11/2009	8	7.7	7.7	1.62	19.57	5019	62.2396%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	95779.17239
5439000	10/17/2011	10	7.7	7.7	1.62	19.57	5019	62.2396%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	95779.17239
5439000	6/10/1930	6	7.6	7.6	1.62	19.41	5034	62.4256%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94987.81703
5439000	5/5/1931	5	7.6	7.6	1.62	19.41	5034	62.4256%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94987.81703
5439000	10/26/1931	10	7.6	7.6	1.62	19.41	5034	62.4256%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94987.81703
5439000	10/28/1931	10	7.6	7.6	1.62	19.41	5034	62.4256%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94987.81703
5439000	7/22/1985	7	7.6	7.6	1.62	19.41	5034	62.4256%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94987.81703
5439000	8/4/1985	8	7.6	7.6	1.62	19.41	5034	62.4256%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94987.81703
5439000	7/6/1987	7	7.6	7.6	1.62	19.41	5034	62.4256%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94987.81703
5439000	7/11/1987	7	7.6	7.6	1.62	19.41	5034	62.4256%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94987.81703
5439000	6/18/1988	6	7.6	7.6	1.62	19.41	5034	62.4256%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94987.81703
5439000	7/16/1989	7	7.6	7.6	1.62	19.41	5034	62.4256%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94987.81703
5439000	8/24/1994	8	7.6	7.6	1.62	19.41	5034	62.4256%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94987.81703
5439000	10/30/1994	10	7.6	7.6	1.62	19.41	5034	62.4256%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94987.81703
5439000	9/13/1996	9	7.6	7.6	1.62	19.41	5034	62.4256%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94987.81703
5439000	7/13/2002	7	7.6	7.6	1.62	19.41	5034	62.4256%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94987.81703
5439000	9/11/2009	9	7.6	7.6	1.62	19.41	5034	62.4256%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94987.81703
5439000	10/5/2011	10	7.6	7.6	1.62	19.41	5034	62.4256%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94987.81703
5439000	10/20/2011	10	7.6	7.6	1.62	19.41	5034	62.4256%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94987.81703
5439000	8/14/2014	8	7.6	7.6	1.62	19.41	5034	62.4256%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94987.81703
5439000	8/12/1926	8	7.5	7.5	1.62	19.25	5052	62.6488%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94196.46167
5439000	8/6/1987	8	7.5	7.5	1.62	19.25	5052	62.6488%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94196.46167
5439000	7/8/1992	7	7.5	7.5	1.62	19.25	5052	62.6488%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94196.46167
5439000	10/30/1992	10	7.5	7.5	1.62	19.25	5052	62.6488%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94196.46167
5439000	6/8/1994	6	7.5	7.5	1.62	19.25	5052	62.6488%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94196.46167
5439000	9/29/1996	9	7.5	7.5	1.62	19.25	5052	62.6488%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94196.46167
5439000	9/16/1998	9	7.5	7.5	1.62	19.25	5052	62.6488%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94196.46167
5439000	8/19/2000	8	7.5	7.5	1.62	19.25	5052	62.6488%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94196.46167
5439000	9/13/2000	9	7.5	7.5	1.62	19.25	5052	62.6488%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94196.46167

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/13/2005	6	7.5	7.5	1.62	19.25	5052	62.6488%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94196.46167
5439000	8/4/2009	8	7.5	7.5	1.62	19.25	5052	62.6488%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94196.46167
5439000	8/24/2009	8	7.5	7.5	1.62	19.25	5052	62.6488%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94196.46167
5439000	8/5/2011	8	7.5	7.5	1.62	19.25	5052	62.6488%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94196.46167
5439000	8/28/2011	8	7.5	7.5	1.62	19.25	5052	62.6488%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94196.46167
5439000	7/27/2013	7	7.5	7.5	1.62	19.25	5052	62.6488%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	94196.46167
5439000	7/10/1927	7	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	7/17/1927	7	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	7/23/1933	7	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	10/2/1979	10	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	7/29/1980	7	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	8/3/1981	8	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	10/20/1983	10	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	10/25/1983	10	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	7/9/1984	7	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	8/10/1985	8	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	7/23/1991	7	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	8/12/1991	8	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	10/8/1991	10	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	6/9/1994	6	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	6/13/1994	6	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	7/18/1999	7	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	10/11/1999	10	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	10/16/1999	10	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	7/11/2001	7	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	8/12/2005	8	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	8/23/2010	8	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	8/12/2011	8	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	9/8/2014	9	7.4	7.4	1.62	19.09	5067	62.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	93405.10631
5439000	10/21/1928	10	7.3	7.3	1.62	18.93	5090	63.1200%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	92613.75095
5439000	10/30/1928	10	7.3	7.3	1.62	18.93	5090	63.1200%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	92613.75095
5439000	7/11/1931	7	7.3	7.3	1.62	18.93	5090	63.1200%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	92613.75095
5439000	10/24/1982	10	7.3	7.3	1.62	18.93	5090	63.1200%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	92613.75095
5439000	7/9/1991	7	7.3	7.3	1.62	18.93	5090	63.1200%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	92613.75095
5439000	5/31/1994	5	7.3	7.3	1.62	18.93	5090	63.1200%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	92613.75095
5439000	10/25/1994	10	7.3	7.3	1.62	18.93	5090	63.1200%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	92613.75095
5439000	8/9/1998	8	7.3	7.3	1.62	18.93	5090	63.1200%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	92613.75095
5439000	8/15/2000	8	7.3	7.3	1.62	18.93	5090	63.1200%	Fecal	115	cfu/100ml	200	283.2	53252.9068	92613.75095
5439000	10/20/2001	10	7.3	7.3	1.62	18.93	5090	63.1200%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	92613.75095
5439000	7/1/2003	7	7.3	7.3	1.62	18.93	5090	63.1200%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	92613.75095
5439000	10/25/2007	10	7.3	7.3	1.62	18.93	5090	63.1200%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	92613.75095
5439000	8/2/2008	8	7.3	7.3	1.62	18.93	5090	63.1200%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	92613.75095
5439000	10/27/2010	10	7.3	7.3	1.62	18.93	5090	63.1200%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	92613.75095
5439000	10/25/2011	10	7.3	7.3	1.62	18.93	5090	63.1200%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	92613.75095

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	5/24/1926	5	7.2	7.2	1.62	18.76	5105	63.3061%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91822.39559
5439000	5/25/1926	5	7.2	7.2	1.62	18.76	5105	63.3061%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91822.39559
5439000	5/26/1926	5	7.2	7.2	1.62	18.76	5105	63.3061%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91822.39559
5439000	5/27/1926	5	7.2	7.2	1.62	18.76	5105	63.3061%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91822.39559
5439000	5/31/1926	5	7.2	7.2	1.62	18.76	5105	63.3061%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91822.39559
5439000	6/1/1926	6	7.2	7.2	1.62	18.76	5105	63.3061%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91822.39559
5439000	7/2/1930	7	7.2	7.2	1.62	18.76	5105	63.3061%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91822.39559
5439000	9/3/1930	9	7.2	7.2	1.62	18.76	5105	63.3061%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91822.39559
5439000	10/22/1930	10	7.2	7.2	1.62	18.76	5105	63.3061%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91822.39559
5439000	6/28/1932	6	7.2	7.2	1.62	18.76	5105	63.3061%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91822.39559
5439000	7/3/1932	7	7.2	7.2	1.62	18.76	5105	63.3061%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91822.39559
5439000	7/5/1987	7	7.2	7.2	1.62	18.76	5105	63.3061%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91822.39559
5439000	10/3/2000	10	7.2	7.2	1.62	18.76	5105	63.3061%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91822.39559
5439000	8/2/2003	8	7.2	7.2	1.62	18.76	5105	63.3061%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91822.39559
5439000	6/14/2005	6	7.2	7.2	1.62	18.76	5105	63.3061%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91822.39559
5439000	9/22/2006	9	7.2	7.2	1.62	18.76	5105	63.3061%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91822.39559
5439000	10/31/2006	10	7.2	7.2	1.62	18.76	5105	63.3061%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91822.39559
5439000	8/9/1981	8	7.1	7.1	1.62	18.60	5122	63.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91031.04023
5439000	8/10/1981	8	7.1	7.1	1.62	18.60	5122	63.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91031.04023
5439000	10/23/1984	10	7.1	7.1	1.62	18.60	5122	63.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91031.04023
5439000	8/4/1986	8	7.1	7.1	1.62	18.60	5122	63.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91031.04023
5439000	8/9/1986	8	7.1	7.1	1.62	18.60	5122	63.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91031.04023
5439000	8/7/1987	8	7.1	7.1	1.62	18.60	5122	63.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91031.04023
5439000	10/23/1988	10	7.1	7.1	1.62	18.60	5122	63.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91031.04023
5439000	8/11/1991	8	7.1	7.1	1.62	18.60	5122	63.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91031.04023
5439000	8/13/1991	8	7.1	7.1	1.62	18.60	5122	63.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91031.04023
5439000	6/26/1992	6	7.1	7.1	1.62	18.60	5122	63.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91031.04023
5439000	8/7/1992	8	7.1	7.1	1.62	18.60	5122	63.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91031.04023
5439000	8/4/1994	8	7.1	7.1	1.62	18.60	5122	63.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91031.04023
5439000	9/14/1996	9	7.1	7.1	1.62	18.60	5122	63.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91031.04023
5439000	10/1/2000	10	7.1	7.1	1.62	18.60	5122	63.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91031.04023
5439000	9/12/2006	9	7.1	7.1	1.62	18.60	5122	63.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91031.04023
5439000	10/21/2011	10	7.1	7.1	1.62	18.60	5122	63.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91031.04023
5439000	10/21/2012	10	7.1	7.1	1.62	18.60	5122	63.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91031.04023
5439000	7/28/2013	7	7.1	7.1	1.62	18.60	5122	63.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	91031.04023
5439000	7/15/1927	7	7	7	1.62	18.44	5140	63.7401%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	90239.68487
5439000	7/16/1927	7	7	7	1.62	18.44	5140	63.7401%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	90239.68487
5439000	6/20/1931	6	7	7	1.62	18.44	5140	63.7401%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	90239.68487
5439000	7/24/1981	7	7	7	1.62	18.44	5140	63.7401%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	90239.68487
5439000	9/12/1981	9	7	7	1.62	18.44	5140	63.7401%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	90239.68487
5439000	8/5/1985	8	7	7	1.62	18.44	5140	63.7401%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	90239.68487
5439000	8/26/1986	8	7	7	1.62	18.44	5140	63.7401%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	90239.68487
5439000	8/20/1995	8	7	7	1.62	18.44	5140	63.7401%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	90239.68487
5439000	7/28/1999	7	7	7	1.62	18.44	5140	63.7401%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	90239.68487

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/4/2003	7	7	7	1.62	18.44	5140	63.7401%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	90239.68487
5439000	10/28/2007	10	7	7	1.62	18.44	5140	63.7401%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	90239.68487
5439000	10/8/2009	10	7	7	1.62	18.44	5140	63.7401%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	90239.68487
5439000	9/5/2010	9	7	7	1.62	18.44	5140	63.7401%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	90239.68487
5439000	9/15/2014	9	7	7	1.62	18.44	5140	63.7401%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	90239.68487
5439000	7/16/1926	7	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	8/9/1926	8	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	8/10/1926	8	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	8/13/1926	8	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	6/2/1928	6	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	9/2/1928	9	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	9/4/1928	9	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	10/31/1928	10	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	6/4/1930	6	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	6/5/1930	6	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	6/11/1930	6	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	6/12/1930	6	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	6/13/1930	6	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	6/15/1930	6	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	6/16/1930	6	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	6/26/1932	6	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	10/28/1932	10	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	10/11/1982	10	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	9/12/1986	9	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	7/7/1987	7	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	6/19/1988	6	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	7/26/1994	7	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	10/27/1994	10	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	10/31/1995	10	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	7/29/1998	7	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	8/6/2002	8	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	8/26/2002	8	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	7/3/2003	7	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	7/13/2006	7	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	10/12/2011	10	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	6/25/2012	6	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	8/9/2015	8	6.9	6.9	1.62	18.28	5154	63.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	89448.32951
5439000	6/4/1931	6	6.8	6.8	1.62	18.12	5186	64.3105%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	88656.97415
5439000	6/19/1933	6	6.8	6.8	1.62	18.12	5186	64.3105%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	88656.97415
5439000	7/24/1933	7	6.8	6.8	1.62	18.12	5186	64.3105%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	88656.97415
5439000	6/13/1985	6	6.8	6.8	1.62	18.12	5186	64.3105%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	88656.97415
5439000	6/14/1985	6	6.8	6.8	1.62	18.12	5186	64.3105%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	88656.97415
5439000	6/20/1988	6	6.8	6.8	1.62	18.12	5186	64.3105%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	88656.97415
5439000	10/3/1990	10	6.8	6.8	1.62	18.12	5186	64.3105%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	88656.97415

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/1/1994	6	6.8	6.8	1.62	18.12	5186	64.3105%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	88656.97415
5439000	6/7/1994	6	6.8	6.8	1.62	18.12	5186	64.3105%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	88656.97415
5439000	7/2/2003	7	6.8	6.8	1.62	18.12	5186	64.3105%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	88656.97415
5439000	7/4/2005	7	6.8	6.8	1.62	18.12	5186	64.3105%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	88656.97415
5439000	7/14/2006	7	6.8	6.8	1.62	18.12	5186	64.3105%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	88656.97415
5439000	8/15/2011	8	6.8	6.8	1.62	18.12	5186	64.3105%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	88656.97415
5439000	10/18/2011	10	6.8	6.8	1.62	18.12	5186	64.3105%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	88656.97415
5439000	7/30/2013	7	6.8	6.8	1.62	18.12	5186	64.3105%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	88656.97415
5439000	8/15/1986	8	6.7	6.7	1.62	17.95	5201	64.4965%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87865.61879
5439000	7/9/1992	7	6.7	6.7	1.62	17.95	5201	64.4965%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87865.61879
5439000	9/27/1994	9	6.7	6.7	1.62	17.95	5201	64.4965%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87865.61879
5439000	8/29/1998	8	6.7	6.7	1.62	17.95	5201	64.4965%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87865.61879
5439000	10/12/1999	10	6.7	6.7	1.62	17.95	5201	64.4965%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87865.61879
5439000	9/29/2000	9	6.7	6.7	1.62	17.95	5201	64.4965%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87865.61879
5439000	10/2/2002	10	6.7	6.7	1.62	17.95	5201	64.4965%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87865.61879
5439000	6/15/2005	6	6.7	6.7	1.62	17.95	5201	64.4965%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87865.61879
5439000	9/12/2009	9	6.7	6.7	1.62	17.95	5201	64.4965%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87865.61879
5439000	7/18/2012	7	6.7	6.7	1.62	17.95	5201	64.4965%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87865.61879
5439000	5/31/1928	5	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	6/3/1928	6	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	6/5/1928	6	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	6/7/1928	6	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	6/13/1928	6	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	8/19/1928	8	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	8/21/1928	8	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	6/17/1930	6	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	7/10/1930	7	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	7/14/1930	7	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	8/7/1983	8	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	8/24/1985	8	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	10/8/1985	10	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	8/5/1986	8	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	10/2/1988	10	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	9/13/1990	9	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	6/22/1992	6	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	6/2/1994	6	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	6/12/1994	6	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	7/13/1997	7	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	7/14/1997	7	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	7/15/1997	7	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	8/26/1998	8	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	8/2/2001	8	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	10/31/2007	10	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	8/5/2009	8	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/24/2010	10	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	7/24/2012	7	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	7/31/2012	7	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	8/5/2012	8	6.6	6.6	1.62	17.79	5211	64.6205%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	87074.26343
5439000	10/21/1983	10	6.5	6.5	1.62	17.63	5241	64.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	86282.90807
5439000	7/13/1984	7	6.5	6.5	1.62	17.63	5241	64.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	86282.90807
5439000	6/10/1985	6	6.5	6.5	1.62	17.63	5241	64.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	86282.90807
5439000	7/5/1989	7	6.5	6.5	1.62	17.63	5241	64.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	86282.90807
5439000	6/3/1994	6	6.5	6.5	1.62	17.63	5241	64.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	86282.90807
5439000	6/5/1994	6	6.5	6.5	1.62	17.63	5241	64.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	86282.90807
5439000	9/23/1994	9	6.5	6.5	1.62	17.63	5241	64.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	86282.90807
5439000	10/20/1995	10	6.5	6.5	1.62	17.63	5241	64.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	86282.90807
5439000	7/20/1999	7	6.5	6.5	1.62	17.63	5241	64.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	86282.90807
5439000	9/9/2008	9	6.5	6.5	1.62	17.63	5241	64.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	86282.90807
5439000	8/24/2010	8	6.5	6.5	1.62	17.63	5241	64.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	86282.90807
5439000	10/8/2011	10	6.5	6.5	1.62	17.63	5241	64.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	86282.90807
5439000	10/19/2011	10	6.5	6.5	1.62	17.63	5241	64.9926%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	86282.90807
5439000	10/19/1931	10	6.4	6.4	1.62	17.47	5254	65.1538%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	85491.55271
5439000	10/29/1931	10	6.4	6.4	1.62	17.47	5254	65.1538%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	85491.55271
5439000	8/4/1984	8	6.4	6.4	1.62	17.47	5254	65.1538%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	85491.55271
5439000	8/7/1985	8	6.4	6.4	1.62	17.47	5254	65.1538%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	85491.55271
5439000	6/21/1988	6	6.4	6.4	1.62	17.47	5254	65.1538%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	85491.55271
5439000	9/15/1990	9	6.4	6.4	1.62	17.47	5254	65.1538%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	85491.55271
5439000	6/4/1994	6	6.4	6.4	1.62	17.47	5254	65.1538%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	85491.55271
5439000	6/6/1994	6	6.4	6.4	1.62	17.47	5254	65.1538%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	85491.55271
5439000	9/28/1994	9	6.4	6.4	1.62	17.47	5254	65.1538%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	85491.55271
5439000	9/15/1996	9	6.4	6.4	1.62	17.47	5254	65.1538%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	85491.55271
5439000	7/17/1926	7	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	7/22/1926	7	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	7/23/1926	7	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	7/30/1926	7	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	8/11/1926	8	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	6/4/1928	6	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	6/8/1928	6	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	7/25/1929	7	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	7/31/1929	7	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	8/10/1929	8	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	6/21/1931	6	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	10/25/1932	10	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	10/3/1979	10	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	10/22/1979	10	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	8/7/1981	8	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	10/17/1984	10	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	7/26/1987	7	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/23/1990	9	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	10/25/1991	10	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	6/27/1992	6	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	10/28/1994	10	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	8/3/1995	8	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	9/30/1996	9	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	7/21/1997	7	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	10/13/1999	10	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	9/16/2000	9	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	7/12/2001	7	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	7/14/2002	7	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	7/18/2003	7	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	9/13/2006	9	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	6300	cfu/100ml	200	283.2	2668056.216	84700.19735
5439000	8/8/2008	8	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	10/26/2011	10	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	6/29/2012	6	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	8/15/2014	8	6.3	6.3	1.62	17.31	5264	65.2778%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	84700.19735
5439000	7/3/1930	7	6.2	6.2	1.62	17.15	5298	65.6994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83908.84199
5439000	7/12/1931	7	6.2	6.2	1.62	17.15	5298	65.6994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83908.84199
5439000	8/21/1982	8	6.2	6.2	1.62	17.15	5298	65.6994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83908.84199
5439000	10/25/1982	10	6.2	6.2	1.62	17.15	5298	65.6994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83908.84199
5439000	8/10/1986	8	6.2	6.2	1.62	17.15	5298	65.6994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83908.84199
5439000	8/16/1986	8	6.2	6.2	1.62	17.15	5298	65.6994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83908.84199
5439000	7/8/1987	7	6.2	6.2	1.62	17.15	5298	65.6994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83908.84199
5439000	7/12/1987	7	6.2	6.2	1.62	17.15	5298	65.6994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83908.84199
5439000	9/14/1990	9	6.2	6.2	1.62	17.15	5298	65.6994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83908.84199
5439000	9/16/1990	9	6.2	6.2	1.62	17.15	5298	65.6994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83908.84199
5439000	9/16/1991	9	6.2	6.2	1.62	17.15	5298	65.6994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83908.84199
5439000	7/25/1997	7	6.2	6.2	1.62	17.15	5298	65.6994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83908.84199
5439000	7/21/2006	7	6.2	6.2	1.62	17.15	5298	65.6994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83908.84199
5439000	10/30/2007	10	6.2	6.2	1.62	17.15	5298	65.6994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83908.84199
5439000	7/29/2013	7	6.2	6.2	1.62	17.15	5298	65.6994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83908.84199
5439000	8/27/2014	8	6.2	6.2	1.62	17.15	5298	65.6994%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83908.84199
5439000	9/13/1981	9	6.1	6.1	1.62	16.98	5314	65.8978%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83117.48663
5439000	9/14/1981	9	6.1	6.1	1.62	16.98	5314	65.8978%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83117.48663
5439000	9/23/1984	9	6.1	6.1	1.62	16.98	5314	65.8978%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83117.48663
5439000	7/23/1985	7	6.1	6.1	1.62	16.98	5314	65.8978%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83117.48663
5439000	7/10/1991	7	6.1	6.1	1.62	16.98	5314	65.8978%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83117.48663
5439000	8/9/1992	8	6.1	6.1	1.62	16.98	5314	65.8978%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83117.48663
5439000	10/28/1995	10	6.1	6.1	1.62	16.98	5314	65.8978%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83117.48663
5439000	10/17/1996	10	6.1	6.1	1.62	16.98	5314	65.8978%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83117.48663
5439000	10/23/1999	10	6.1	6.1	1.62	16.98	5314	65.8978%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83117.48663
5439000	9/26/2001	9	6.1	6.1	1.62	16.98	5314	65.8978%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83117.48663
5439000	8/18/2005	8	6.1	6.1	1.62	16.98	5314	65.8978%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83117.48663

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/12/2009	8	6.1	6.1	1.62	16.98	5314	65.8978%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83117.48663
5439000	9/21/2009	9	6.1	6.1	1.62	16.98	5314	65.8978%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83117.48663
5439000	6/26/2012	6	6.1	6.1	1.62	16.98	5314	65.8978%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83117.48663
5439000	10/6/2014	10	6.1	6.1	1.62	16.98	5314	65.8978%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	83117.48663
5439000	5/28/1926	5	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	6/2/1926	6	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	7/18/1927	7	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	8/20/1928	8	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	8/22/1928	8	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	8/23/1928	8	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	8/24/1928	8	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	10/30/1931	10	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	6/20/1933	6	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	10/21/1979	10	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	9/18/1981	9	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	8/16/1985	8	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	7/28/1987	7	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	10/1/1988	10	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	9/12/1991	9	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	10/3/1991	10	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	6/10/1994	6	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	6/11/1994	6	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	7/27/1994	7	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	8/27/1994	8	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	10/7/1994	10	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	9/16/1996	9	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	9/17/1996	9	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	9/20/1996	9	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	10/26/1997	10	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	10/2/1998	10	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	10/19/1999	10	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	9/30/2000	9	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	7/13/2001	7	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	8/25/2009	8	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	9/6/2010	9	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	7/2/2012	7	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	7/31/2013	7	6	6	1.62	16.82	5329	66.0838%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	82326.13127
5439000	10/1/1930	10	5.9	5.9	1.62	16.66	5362	66.4931%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	81534.77591
5439000	8/22/1982	8	5.9	5.9	1.62	16.66	5362	66.4931%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	81534.77591
5439000	10/17/1985	10	5.9	5.9	1.62	16.66	5362	66.4931%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	81534.77591
5439000	7/9/1987	7	5.9	5.9	1.62	16.66	5362	66.4931%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	81534.77591
5439000	7/13/1987	7	5.9	5.9	1.62	16.66	5362	66.4931%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	81534.77591
5439000	9/19/1990	9	5.9	5.9	1.62	16.66	5362	66.4931%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	81534.77591
5439000	10/4/1990	10	5.9	5.9	1.62	16.66	5362	66.4931%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	81534.77591

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/8/1990	10	5.9	5.9	1.62	16.66	5362	66.4931%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	81534.77591
5439000	6/30/1992	6	5.9	5.9	1.62	16.66	5362	66.4931%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	81534.77591
5439000	10/29/1995	10	5.9	5.9	1.62	16.66	5362	66.4931%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	81534.77591
5439000	10/8/1998	10	5.9	5.9	1.62	16.66	5362	66.4931%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	81534.77591
5439000	10/25/2010	10	5.9	5.9	1.62	16.66	5362	66.4931%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	81534.77591
5439000	10/11/2011	10	5.9	5.9	1.62	16.66	5362	66.4931%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	81534.77591
5439000	10/27/2011	10	5.9	5.9	1.62	16.66	5362	66.4931%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	81534.77591
5439000	10/16/2012	10	5.9	5.9	1.62	16.66	5362	66.4931%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	81534.77591
5439000	10/24/2012	10	5.9	5.9	1.62	16.66	5362	66.4931%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	81534.77591
5439000	10/24/1931	10	5.8	5.8	1.62	16.50	5378	66.6915%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	80743.42055
5439000	9/15/1981	9	5.8	5.8	1.62	16.50	5378	66.6915%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	80743.42055
5439000	9/19/1981	9	5.8	5.8	1.62	16.50	5378	66.6915%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	80743.42055
5439000	10/7/1982	10	5.8	5.8	1.62	16.50	5378	66.6915%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	80743.42055
5439000	8/8/1983	8	5.8	5.8	1.62	16.50	5378	66.6915%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	80743.42055
5439000	6/22/1988	6	5.8	5.8	1.62	16.50	5378	66.6915%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	80743.42055
5439000	8/12/1988	8	5.8	5.8	1.62	16.50	5378	66.6915%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	80743.42055
5439000	8/7/1991	8	5.8	5.8	1.62	16.50	5378	66.6915%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	80743.42055
5439000	8/30/1991	8	5.8	5.8	1.62	16.50	5378	66.6915%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	80743.42055
5439000	7/1/1992	7	5.8	5.8	1.62	16.50	5378	66.6915%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	80743.42055
5439000	10/17/1999	10	5.8	5.8	1.62	16.50	5378	66.6915%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	80743.42055
5439000	8/16/2000	8	5.8	5.8	1.62	16.50	5378	66.6915%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	80743.42055
5439000	9/20/2000	9	5.8	5.8	1.62	16.50	5378	66.6915%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	80743.42055
5439000	7/19/2003	7	5.8	5.8	1.62	16.50	5378	66.6915%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	80743.42055
5439000	6/16/2005	6	5.8	5.8	1.62	16.50	5378	66.6915%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	80743.42055
5439000	10/7/2011	10	5.8	5.8	1.62	16.50	5378	66.6915%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	80743.42055
5439000	7/18/1926	7	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	7/24/1926	7	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	8/14/1926	8	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	7/13/1927	7	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	9/15/1927	9	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	6/9/1928	6	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	9/13/1928	9	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	9/17/1928	9	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	8/12/1929	8	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	6/21/1933	6	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	7/25/1933	7	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	7/30/1981	7	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	8/8/1981	8	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	7/27/1985	7	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	7/11/1991	7	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	10/9/1991	10	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	7/28/1994	7	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	8/25/1994	8	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	10/1/1996	10	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/19/1996	10	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	7/19/1997	7	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	8/19/1997	8	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	10/28/1997	10	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	7/24/2004	7	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	6/17/2005	6	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	10/29/2007	10	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	8/9/2008	8	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	9/20/2009	9	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	10/23/2011	10	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	6/30/2012	6	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	8/31/2014	8	5.7	5.7	1.62	16.34	5394	66.8899%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79952.06519
5439000	10/21/1929	10	5.6	5.6	1.62	16.18	5425	67.2743%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79160.70983
5439000	6/18/1930	6	5.6	5.6	1.62	16.18	5425	67.2743%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79160.70983
5439000	8/8/1985	8	5.6	5.6	1.62	16.18	5425	67.2743%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79160.70983
5439000	7/16/1997	7	5.6	5.6	1.62	16.18	5425	67.2743%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79160.70983
5439000	7/29/1999	7	5.6	5.6	1.62	16.18	5425	67.2743%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79160.70983
5439000	10/22/1999	10	5.6	5.6	1.62	16.18	5425	67.2743%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79160.70983
5439000	8/20/2000	8	5.6	5.6	1.62	16.18	5425	67.2743%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79160.70983
5439000	9/15/2000	9	5.6	5.6	1.62	16.18	5425	67.2743%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79160.70983
5439000	9/18/2001	9	5.6	5.6	1.62	16.18	5425	67.2743%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79160.70983
5439000	8/3/2004	8	5.6	5.6	1.62	16.18	5425	67.2743%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79160.70983
5439000	8/6/2009	8	5.6	5.6	1.62	16.18	5425	67.2743%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79160.70983
5439000	8/16/2012	8	5.6	5.6	1.62	16.18	5425	67.2743%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79160.70983
5439000	9/2/2013	9	5.6	5.6	1.62	16.18	5425	67.2743%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79160.70983
5439000	8/16/2014	8	5.6	5.6	1.62	16.18	5425	67.2743%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79160.70983
5439000	8/28/2014	8	5.6	5.6	1.62	16.18	5425	67.2743%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79160.70983
5439000	9/1/2014	9	5.6	5.6	1.62	16.18	5425	67.2743%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	79160.70983
5439000	10/29/1932	10	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	7/30/1980	7	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	8/24/1982	8	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	10/8/1982	10	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	10/26/1982	10	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	10/30/1982	10	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	10/31/1982	10	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	8/9/1983	8	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	10/24/1984	10	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	7/14/1991	7	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	8/9/1991	8	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	6/28/1992	6	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	6/29/1992	6	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	7/30/1995	7	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	10/8/1995	10	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	10/22/1996	10	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/18/1999	10	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	7/14/2001	7	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	8/11/2008	8	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	9/23/2009	9	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	8/25/2010	8	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	10/10/2011	10	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	10/31/2011	10	5.5	5.5	1.62	16.01	5441	67.4727%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	78369.35447
5439000	5/29/1926	5	5.4	5.4	1.62	15.85	5464	67.7579%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	77577.99911
5439000	6/14/1928	6	5.4	5.4	1.62	15.85	5464	67.7579%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	77577.99911
5439000	8/13/1929	8	5.4	5.4	1.62	15.85	5464	67.7579%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	77577.99911
5439000	8/1/1980	8	5.4	5.4	1.62	15.85	5464	67.7579%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	77577.99911
5439000	10/12/1983	10	5.4	5.4	1.62	15.85	5464	67.7579%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	77577.99911
5439000	7/14/1984	7	5.4	5.4	1.62	15.85	5464	67.7579%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	77577.99911
5439000	7/24/1985	7	5.4	5.4	1.62	15.85	5464	67.7579%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	77577.99911
5439000	8/11/1986	8	5.4	5.4	1.62	15.85	5464	67.7579%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	77577.99911
5439000	8/10/1987	8	5.4	5.4	1.62	15.85	5464	67.7579%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	77577.99911
5439000	8/10/1998	8	5.4	5.4	1.62	15.85	5464	67.7579%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	77577.99911
5439000	7/30/1999	7	5.4	5.4	1.62	15.85	5464	67.7579%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	77577.99911
5439000	10/2/2000	10	5.4	5.4	1.62	15.85	5464	67.7579%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	77577.99911
5439000	8/5/2004	8	5.4	5.4	1.62	15.85	5464	67.7579%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	77577.99911
5439000	8/3/2008	8	5.4	5.4	1.62	15.85	5464	67.7579%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	77577.99911
5439000	9/13/2009	9	5.4	5.4	1.62	15.85	5464	67.7579%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	77577.99911
5439000	10/9/2011	10	5.4	5.4	1.62	15.85	5464	67.7579%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	77577.99911
5439000	6/27/2012	6	5.4	5.4	1.62	15.85	5464	67.7579%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	77577.99911
5439000	10/23/1930	10	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	10/24/1930	10	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	10/25/1930	10	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	10/26/1930	10	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	7/13/1931	7	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	10/20/1931	10	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	10/31/1931	10	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	8/4/1981	8	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	8/11/1981	8	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	8/12/1981	8	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	8/13/1981	8	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	8/17/1985	8	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	7/10/1987	7	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	7/16/1987	7	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	6/24/1988	6	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	9/17/1990	9	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	7/10/1992	7	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	8/30/1992	8	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	7/15/2002	7	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	9/1/2010	9	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/22/2011	10	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	8/4/2012	8	5.3	5.3	1.62	15.69	5481	67.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	76786.64374
5439000	6/23/1932	6	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	10/10/1932	10	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	8/23/1982	8	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	10/26/1983	10	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	8/12/1986	8	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	8/20/1988	8	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	7/18/1991	7	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	8/10/1991	8	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	8/30/1994	8	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	9/10/1994	9	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	9/3/1998	9	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	9/30/1998	9	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	8/27/2002	8	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	6/18/2005	6	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	7/15/2006	7	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	10/23/2006	10	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	7/21/2012	7	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	8/12/2013	8	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	9/9/2014	9	5.2	5.2	1.62	15.53	5503	68.2416%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75995.28838
5439000	7/19/1926	7	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	7/25/1926	7	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	7/14/1927	7	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	6/10/1928	6	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	8/25/1928	8	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	9/3/1928	9	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	9/12/1928	9	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	8/1/1929	8	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	8/9/1929	8	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	6/5/1931	6	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	10/23/1931	10	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	7/26/1933	7	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	9/26/1984	9	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	8/17/1986	8	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	7/6/1989	7	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	8/31/1991	8	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	9/8/1995	9	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	7/30/1998	7	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	10/10/2001	10	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	8/20/2014	8	5.1	5.1	1.62	15.37	5522	68.4772%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	75203.93302
5439000	10/20/1979	10	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	7/31/1980	7	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	9/20/1981	9	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/29/1983	10	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	7/15/1984	7	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	8/13/1986	8	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	7/14/1987	7	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	7/19/1988	7	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	7/7/1989	7	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	9/20/1990	9	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	9/24/1990	9	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	7/15/1991	7	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	9/6/1991	9	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	8/2/1995	8	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	8/4/1995	8	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	8/21/1995	8	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	9/21/1995	9	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	9/19/1996	9	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	9/23/1996	9	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	10/13/1997	10	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	10/9/1998	10	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	10/4/2001	10	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	10/5/2002	10	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	8/29/2011	8	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	10/30/2011	10	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	8/1/2013	8	5	5	1.62	15.21	5542	68.7252%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	74412.57766
5439000	7/14/1931	7	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	7/15/1931	7	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	7/5/1932	7	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	10/30/1932	10	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	8/25/1982	8	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	10/28/1982	10	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	8/10/1983	8	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	8/18/1985	8	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	10/5/1990	10	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	7/17/1991	7	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	7/24/1991	7	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	7/11/1992	7	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	7/31/1995	7	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	10/16/1996	10	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	10/18/1996	10	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	7/20/1997	7	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	10/21/1999	10	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	10/30/1999	10	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	7/15/2001	7	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	7/20/2003	7	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	6/19/2005	6	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/13/2009	8	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	8/17/2014	8	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	9/21/2014	9	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	10/7/2014	10	4.9	4.9	1.62	15.04	5568	69.0476%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	73621.2223
5439000	6/3/1926	6	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	7/19/1927	7	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	6/11/1928	6	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	6/12/1928	6	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	6/15/1928	6	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	6/16/1928	6	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	7/4/1930	7	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	7/15/1930	7	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	10/2/1930	10	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	6/22/1933	6	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	7/17/1987	7	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	7/29/1987	7	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	7/17/1989	7	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	8/27/1992	8	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	8/5/1995	8	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	9/18/1996	9	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	10/20/1999	10	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	10/31/1999	10	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	8/21/2000	8	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	9/19/2002	9	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	7/24/2003	7	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	7/25/2004	7	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	9/24/2009	9	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	9/15/2013	9	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	9/16/2014	9	4.8	4.8	1.62	14.88	5593	69.3576%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72829.86694
5439000	10/4/1979	10	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	10/17/1979	10	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	8/11/1987	8	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	6/23/1988	6	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	6/25/1988	6	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	9/18/1990	9	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	8/29/1991	8	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	10/27/1991	10	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	8/10/1992	8	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	9/21/1996	9	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	8/24/1998	8	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	10/24/1999	10	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	10/29/1999	10	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	7/24/2001	7	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	8/16/2001	8	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/14/2009	9	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	8/26/2010	8	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	8/31/2010	8	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	9/7/2010	9	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	6/28/2012	6	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	8/2/2013	8	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	8/25/2013	8	4.7	4.7	1.62	14.72	5618	69.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	72038.51158
5439000	6/29/1932	6	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	7/13/1932	7	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	9/16/1981	9	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	9/9/1982	9	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	10/27/1982	10	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	7/28/1985	7	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	8/9/1985	8	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	8/12/1985	8	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	8/19/1986	8	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	8/19/1988	8	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	10/18/1988	10	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	7/9/1989	7	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	9/25/1990	9	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	7/12/1991	7	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	10/10/1991	10	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	7/29/1994	7	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	9/29/1994	9	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	10/4/1994	10	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	10/5/1994	10	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	8/6/1995	8	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	10/10/1995	10	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	9/22/1996	9	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	9/17/1998	9	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	8/26/1999	8	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	9/27/2001	9	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	10/24/2004	10	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	6/30/2005	6	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	8/10/2008	8	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	8/31/2011	8	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	9/2/2014	9	4.6	4.6	1.62	14.56	5640	69.9405%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	71247.15622
5439000	7/26/1926	7	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	8/15/1926	8	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	9/5/1928	9	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	9/6/1928	9	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	9/10/1928	9	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	9/11/1928	9	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	9/18/1928	9	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	6/19/1930	6	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	7/5/1930	7	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	6/23/1933	6	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	6/26/1933	6	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	7/27/1933	7	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	9/21/1981	9	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	9/25/1981	9	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	10/3/1983	10	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	9/1/1984	9	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	10/25/1984	10	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	7/18/1987	7	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	8/18/1988	8	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	7/21/1991	7	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	7/29/1991	7	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	8/2/1991	8	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	9/17/1991	9	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	8/25/2000	8	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	8/27/2004	8	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	6/20/2005	6	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	100	cfu/100ml	200	283.2	35227.90043	70455.80086
5439000	10/11/2006	10	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	8/30/2010	8	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	10/28/2011	10	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	8/18/2014	8	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	8/19/2014	8	4.5	4.5	1.62	14.40	5670	70.3125%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	70455.80086
5439000	6/25/1932	6	4.4	4.4	1.62	14.24	5701	70.6969%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	69664.4455
5439000	10/23/1979	10	4.4	4.4	1.62	14.24	5701	70.6969%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	69664.4455
5439000	7/31/1981	7	4.4	4.4	1.62	14.24	5701	70.6969%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	69664.4455
5439000	7/16/1991	7	4.4	4.4	1.62	14.24	5701	70.6969%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	69664.4455
5439000	8/3/1991	8	4.4	4.4	1.62	14.24	5701	70.6969%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	69664.4455
5439000	10/26/1991	10	4.4	4.4	1.62	14.24	5701	70.6969%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	69664.4455
5439000	8/11/1992	8	4.4	4.4	1.62	14.24	5701	70.6969%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	69664.4455
5439000	9/8/1992	9	4.4	4.4	1.62	14.24	5701	70.6969%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	69664.4455
5439000	10/2/1994	10	4.4	4.4	1.62	14.24	5701	70.6969%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	69664.4455
5439000	10/3/1994	10	4.4	4.4	1.62	14.24	5701	70.6969%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	69664.4455
5439000	8/1/1995	8	4.4	4.4	1.62	14.24	5701	70.6969%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	69664.4455
5439000	10/5/1995	10	4.4	4.4	1.62	14.24	5701	70.6969%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	69664.4455
5439000	8/17/2002	8	4.4	4.4	1.62	14.24	5701	70.6969%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	69664.4455
5439000	7/22/2006	7	4.4	4.4	1.62	14.24	5701	70.6969%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	69664.4455
5439000	10/28/2010	10	4.4	4.4	1.62	14.24	5701	70.6969%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	69664.4455
5439000	10/25/2012	10	4.4	4.4	1.62	14.24	5701	70.6969%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	69664.4455
5439000	7/20/1927	7	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014
5439000	10/21/1931	10	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014
5439000	6/24/1933	6	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014
5439000	6/25/1933	6	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/26/1984	10	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014
5439000	8/11/1985	8	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014
5439000	7/8/1989	7	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014
5439000	8/28/1991	8	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014
5439000	8/12/1992	8	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014
5439000	8/5/1994	8	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014
5439000	10/4/1998	10	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014
5439000	10/25/1999	10	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014
5439000	10/11/2001	10	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014
5439000	9/20/2002	9	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014
5439000	6/21/2005	6	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014
5439000	6/22/2005	6	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014
5439000	7/25/2012	7	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014
5439000	10/26/2012	10	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014
5439000	9/17/2014	9	4.3	4.3	1.62	14.07	5717	70.8953%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68873.09014
5439000	8/26/1928	8	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	8/27/1928	8	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	10/17/1928	10	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	7/6/1930	7	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	7/8/1930	7	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	10/27/1930	10	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	10/12/1979	10	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	8/26/1982	8	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	9/8/1982	9	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	9/14/1982	9	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	10/12/1982	10	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	8/19/1985	8	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	10/5/1985	10	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	8/18/1986	8	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	8/27/1986	8	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	9/13/1986	9	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	8/12/1987	8	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	7/30/1994	7	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	8/3/1994	8	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	10/1/1994	10	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	7/31/1998	7	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	8/22/2000	8	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	8/26/2000	8	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	7/31/2003	7	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	7/16/2006	7	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	10/4/2006	10	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	10/21/2006	10	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	8/16/2009	8	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	8/27/2010	8	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/28/2010	8	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	8/29/2010	8	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	8/3/2013	8	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	9/3/2014	9	4.2	4.2	1.62	13.91	5736	71.1310%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	68081.73478
5439000	10/22/1931	10	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	6/24/1932	6	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	7/4/1932	7	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	8/17/1983	8	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	10/27/1983	10	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	7/16/1984	7	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	9/26/1990	9	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	8/14/1991	8	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	8/28/1994	8	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	8/31/1994	8	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	10/30/1995	10	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	8/11/1998	8	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	7/31/1999	7	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	7/16/2002	7	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	10/25/2002	10	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	8/21/2005	8	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	9/25/2009	9	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	10/29/2011	10	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	8/17/2012	8	4.1	4.1	1.62	13.75	5769	71.5402%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	67290.37942
5439000	7/20/1926	7	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	8/16/1926	8	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	8/14/1929	8	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	9/30/1929	9	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	10/28/1930	10	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	9/17/1981	9	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	8/27/1982	8	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	9/10/1982	9	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	8/12/1983	8	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	9/23/1983	9	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	9/8/1985	9	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	8/23/1986	8	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	8/24/1986	8	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	6/29/1988	6	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	7/13/1991	7	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	7/19/1991	7	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	7/26/1991	7	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	9/1/1991	9	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	10/26/1999	10	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	9/10/2001	9	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	6/23/2005	6	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/5/2005	7	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	8/14/2009	8	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	8/30/2011	8	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	7/9/2012	7	4	4	1.62	13.59	5788	71.7758%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	66499.02406
5439000	9/8/1928	9	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	9/9/1928	9	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	9/14/1928	9	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	10/11/1979	10	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	10/29/1979	10	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	9/8/1984	9	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	8/30/1985	8	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	7/20/1991	7	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	7/25/1991	7	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	8/31/1992	8	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	9/30/1994	9	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	10/6/1994	10	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	7/17/1997	7	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	8/23/2000	8	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	8/29/2000	8	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	10/6/2001	10	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	7/1/2005	7	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	8/16/2011	8	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	10/13/2012	10	3.9	3.9	1.62	13.43	5813	72.0858%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	65707.6687
5439000	8/7/1927	8	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	8/8/1927	8	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	8/9/1927	8	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	8/10/1927	8	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	7/7/1930	7	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	7/16/1930	7	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	8/31/1932	8	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	10/31/1932	10	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	7/28/1933	7	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	9/1/1982	9	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	9/2/1982	9	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	9/6/1982	9	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	9/7/1982	9	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	9/13/1982	9	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	8/11/1983	8	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	8/25/1983	8	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	9/15/1983	9	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	9/6/1985	9	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	8/25/1986	8	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	9/3/1986	9	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	7/19/1987	7	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/23/1987	7	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	6/28/1988	6	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	8/17/1991	8	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	8/26/1991	8	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	10/28/1991	10	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	9/24/1996	9	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	8/30/1998	8	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	10/28/1999	10	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	8/24/2000	8	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	9/21/2000	9	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	9/28/2001	9	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	6/24/2005	6	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	7/23/2006	7	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	10/24/2006	10	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	10/25/2006	10	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	9/15/2009	9	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	9/26/2009	9	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	9/6/2012	9	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	9/19/2014	9	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	10/8/2014	10	3.8	3.8	1.62	13.27	5832	72.3214%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64916.31334
5439000	9/1/1931	9	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	9/22/1981	9	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	7/17/1984	7	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	8/20/1985	8	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	8/25/1985	8	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	8/29/1985	8	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	8/20/1986	8	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	8/22/1986	8	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	8/28/1986	8	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	9/2/1992	9	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	10/6/1996	10	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	10/10/1998	10	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	10/27/1999	10	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	10/9/2001	10	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	8/28/2002	8	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	7/26/2004	7	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	8/4/2006	8	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	8/15/2009	8	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	9/8/2010	9	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	10/30/2013	10	3.7	3.7	1.62	13.10	5873	72.8299%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	64124.95798
5439000	7/27/1926	7	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	8/17/1926	8	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	8/29/1928	8	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	6/20/1930	6	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/29/1930	10	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	10/30/1930	10	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	7/6/1932	7	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	9/15/1932	9	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	8/1/1981	8	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	9/23/1981	9	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	9/3/1982	9	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	9/18/1982	9	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	8/26/1985	8	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	7/20/1987	7	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	7/20/1988	7	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	7/25/1988	7	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	10/18/1991	10	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	8/28/1992	8	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	8/10/1995	8	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	10/2/1996	10	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	10/3/1996	10	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	10/24/1996	10	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	7/22/1997	7	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	7/24/1997	7	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	10/29/1997	10	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	8/1/1998	8	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	8/30/2000	8	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	7/18/2001	7	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	7/19/2001	7	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	6/25/2005	6	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	7/26/2006	7	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	10/18/2006	10	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	8/22/2008	8	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	9/6/2008	9	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	9/19/2011	9	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	7/3/2012	7	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	9/7/2012	9	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	9/18/2014	9	3.6	3.6	1.62	12.94	5893	73.0779%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	63333.60262
5439000	7/21/1927	7	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	7/16/1931	7	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	9/27/1984	9	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	7/29/1985	7	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	7/30/1985	7	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	8/21/1985	8	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	9/27/1990	9	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	10/7/1990	10	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	7/28/1991	7	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	9/18/1991	9	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/24/1991	9	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	9/26/1991	9	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	9/29/1991	9	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	10/11/1991	10	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	10/14/1991	10	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	10/19/1991	10	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	8/13/1992	8	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	7/31/1994	7	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	10/9/1995	10	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	10/23/1995	10	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	9/14/2006	9	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	7/27/2012	7	3.5	3.5	1.62	12.78	5931	73.5491%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	62542.24726
5439000	10/1/1979	10	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	10/5/1979	10	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	10/19/1979	10	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	10/30/1979	10	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	8/28/1982	8	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	8/13/1983	8	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	8/18/1983	8	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	8/19/1984	8	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	8/23/1985	8	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	10/6/1990	10	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	7/30/1991	7	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	8/27/1991	8	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	9/23/1991	9	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	9/27/1991	9	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	9/3/1992	9	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	8/6/1994	8	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	8/7/1995	8	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	9/22/1995	9	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	10/4/1996	10	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	10/20/1996	10	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	8/12/1998	8	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	9/18/1998	9	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	8/23/1999	8	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	7/16/2001	7	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	10/7/2001	10	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	10/8/2001	10	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	7/17/2006	7	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	9/24/2006	9	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	9/16/2009	9	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	9/8/2012	9	3.4	3.4	1.62	12.62	5953	73.8219%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	61750.8919
5439000	9/7/1928	9	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	9/19/1928	9	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/4/1930	9	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	10/3/1930	10	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	10/31/1930	10	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	6/30/1932	6	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	7/14/1932	7	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	6/27/1933	6	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	9/24/1981	9	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	10/28/1983	10	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	10/31/1983	10	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	7/21/1984	7	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	8/29/1986	8	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	7/27/1991	7	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	9/21/1991	9	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	10/24/1991	10	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	8/29/1994	8	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	8/22/1995	8	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	10/11/1995	10	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	9/25/1996	9	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	10/5/1996	10	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	10/25/1996	10	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	10/15/1998	10	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	8/1/1999	8	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	9/29/2001	9	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	9/30/2001	9	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	8/1/2002	8	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	7/27/2004	7	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	10/19/2006	10	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	8/12/2008	8	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	9/27/2009	9	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	8/1/2012	8	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	9/19/2012	9	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	10/27/2012	10	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	8/4/2013	8	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	8/5/2013	8	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	9/3/2013	9	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	10/12/2013	10	3.3	3.3	1.62	12.46	5983	74.1939%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60959.53654
5439000	7/21/1926	7	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	7/28/1926	7	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	7/29/1926	7	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	8/15/1929	8	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	10/24/1979	10	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	10/31/1979	10	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	9/4/1982	9	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	9/11/1982	9	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/27/1983	8	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	9/10/1983	9	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	10/4/1983	10	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	10/13/1983	10	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	7/18/1984	7	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	7/26/1984	7	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	8/22/1985	8	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	8/28/1985	8	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	9/1/1986	9	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	6/26/1988	6	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	6/30/1988	6	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	9/25/1991	9	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	9/28/1991	9	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	10/13/1991	10	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	9/5/1994	9	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	10/15/1995	10	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	10/13/1996	10	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	7/23/1997	7	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	8/27/1998	8	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	9/29/1998	9	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	8/27/1999	8	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	7/25/2003	7	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	8/6/2004	8	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	8/29/2004	8	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	6/26/2005	6	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	9/28/2009	9	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	7/22/2012	7	3.2	3.2	1.62	12.30	6021	74.6652%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	60168.18118
5439000	9/25/1931	9	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	10/4/1932	10	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	7/29/1933	7	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	8/3/1933	8	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	9/2/1986	9	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	7/10/1989	7	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	10/1/1990	10	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	8/19/1991	8	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	9/10/1991	9	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	10/12/1991	10	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	8/14/1992	8	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	10/25/1995	10	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	8/20/1997	8	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	10/11/1998	10	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	6/27/2005	6	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	7/24/2006	7	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	9/9/2010	9	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/29/2010	10	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	9/1/2011	9	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	10/9/2014	10	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	10/11/2014	10	3.1	3.1	1.62	12.13	6056	75.0992%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	59376.82582
5439000	9/28/1927	9	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	8/28/1928	8	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	8/16/1929	8	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	8/17/1929	8	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	10/16/1929	10	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	10/17/1929	10	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	10/18/1929	10	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	10/19/1929	10	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	10/20/1929	10	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	6/21/1930	6	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	7/17/1930	7	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	7/17/1931	7	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	8/29/1982	8	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	8/31/1982	8	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	9/12/1982	9	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	9/16/1982	9	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	8/28/1983	8	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	8/31/1985	8	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	9/1/1985	9	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	9/2/1985	9	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	9/9/1985	9	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	10/6/1985	10	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	8/21/1986	8	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	8/30/1986	8	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	7/21/1987	7	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	7/22/1987	7	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	7/24/1987	7	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	9/28/1990	9	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	9/29/1990	9	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	10/2/1990	10	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	8/6/1991	8	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	9/7/1991	9	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	9/19/1991	9	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	9/22/1991	9	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	10/20/1991	10	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	10/21/1991	10	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	9/1/1994	9	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	10/1/1995	10	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	8/2/1998	8	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	8/28/2000	8	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/18/2001	8	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	8/12/2004	8	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	7/2/2005	7	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	7/21/2005	7	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	7/27/2005	7	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	9/17/2009	9	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	9/19/2009	9	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	9/10/2010	9	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	8/17/2011	8	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	10/10/2014	10	3	3	1.62	11.97	6077	75.3596%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	58585.47046
5439000	10/25/1979	10	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	10/27/1979	10	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	10/28/1979	10	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	8/14/1983	8	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	8/19/1983	8	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	9/16/1983	9	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	8/27/1985	8	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	9/3/1985	9	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	9/11/1985	9	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	9/21/1985	9	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	8/31/1986	8	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	9/4/1986	9	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	9/6/1986	9	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	7/5/1988	7	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	9/30/1990	9	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	10/23/1991	10	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	8/15/1992	8	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	8/29/1992	8	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	9/3/1994	9	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	10/17/1995	10	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	10/11/1996	10	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	10/12/1996	10	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	10/1/1998	10	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	7/20/2001	7	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	7/19/2002	7	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	8/3/2003	8	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	8/11/2004	8	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	7/6/2005	7	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	8/19/2005	8	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	10/12/2010	10	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	9/4/2011	9	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	8/26/2013	8	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	9/20/2014	9	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151
5439000	9/22/2014	9	2.9	2.9	1.62	11.81	6127	75.9797%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57794.1151

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/18/1926	8	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	8/19/1926	8	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	6/22/1930	6	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	8/30/1982	8	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	10/6/1982	10	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	10/17/1982	10	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	9/2/1983	9	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	9/24/1983	9	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	7/19/1984	7	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	8/17/1984	8	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	9/14/1984	9	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	9/4/1985	9	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	9/5/1985	9	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	9/7/1986	9	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	7/25/1987	7	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	8/5/1991	8	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	9/20/1991	9	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	8/23/1995	8	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	10/21/1995	10	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	10/14/1996	10	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	8/31/1998	8	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	8/27/2000	8	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	10/1/2001	10	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	7/28/2003	7	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	7/28/2004	7	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	8/28/2004	8	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	6/28/2005	6	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	9/24/2010	9	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	7/4/2012	7	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	8/6/2013	8	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	10/13/2013	10	2.8	2.8	1.62	11.65	6161	76.4013%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	57002.75974
5439000	7/22/1927	7	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	7/23/1927	7	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	7/24/1927	7	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	7/25/1927	7	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	7/26/1927	7	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	7/27/1927	7	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	8/11/1927	8	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	8/21/1929	8	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	8/22/1929	8	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	10/6/1979	10	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	10/7/1979	10	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	10/26/1979	10	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	10/14/1983	10	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/10/1985	9	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	9/12/1985	9	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	9/13/1985	9	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	9/28/1985	9	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	9/5/1986	9	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	6/27/1988	6	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	7/1/1988	7	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	8/13/1988	8	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	7/31/1991	7	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	8/4/1991	8	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	8/20/1991	8	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	10/15/1991	10	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	10/22/1991	10	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	9/6/1992	9	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	9/7/1992	9	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	9/2/1994	9	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	10/22/1995	10	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	10/26/1995	10	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	10/10/1996	10	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	10/26/1996	10	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	10/27/1996	10	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	7/17/2002	7	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	8/29/2002	8	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	10/6/2002	10	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	7/18/2006	7	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	9/10/2008	9	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	9/18/2009	9	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	9/3/2011	9	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	8/6/2012	8	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	9/16/2013	9	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	9/23/2014	9	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	10/12/2014	10	2.7	2.7	1.62	11.49	6192	76.7857%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	56211.40438
5439000	6/4/1926	6	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	6/5/1926	6	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	6/6/1926	6	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	6/7/1926	6	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	10/4/1930	10	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	7/20/1931	7	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	7/21/1931	7	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	7/1/1932	7	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	6/28/1933	6	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	9/15/1982	9	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	10/13/1982	10	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	10/18/1982	10	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/29/1983	8	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	7/20/1984	7	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	7/24/1984	7	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	7/27/1984	7	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	9/8/1986	9	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	9/14/1986	9	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	8/16/1992	8	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	8/7/1994	8	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	9/6/1994	9	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	10/9/1996	10	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	9/7/1998	9	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	10/12/1998	10	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	7/17/2001	7	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	10/2/2001	10	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	8/4/2003	8	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	7/20/2005	7	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	9/29/2009	9	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	7/10/2012	7	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	10/4/2013	10	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	10/6/2013	10	2.6	2.6	1.62	11.32	6237	77.3438%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	55420.04901
5439000	8/18/1929	8	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	10/1/1929	10	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	10/8/1979	10	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	10/10/1979	10	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	10/18/1979	10	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	8/15/1983	8	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	8/16/1983	8	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	8/20/1983	8	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	9/19/1985	9	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	9/16/1986	9	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	8/21/1988	8	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	9/11/1991	9	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	9/30/1991	9	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	10/17/1991	10	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	9/4/1994	9	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	8/11/1995	8	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	8/24/1995	8	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	9/20/1995	9	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	10/7/1996	10	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	10/28/1996	10	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	8/13/1998	8	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	10/13/1998	10	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	10/16/1998	10	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	7/18/2002	7	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/27/2002	7	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	7/31/2002	7	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	6/29/2005	6	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	7/27/2006	7	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	8/13/2008	8	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	8/14/2012	8	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	9/9/2012	9	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	10/28/2012	10	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	10/17/2013	10	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	10/18/2013	10	2.5	2.5	1.62	11.16	6269	77.7406%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	54628.69365
5439000	9/29/1929	9	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	6/23/1930	6	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	6/24/1930	6	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	9/5/1930	9	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	7/18/1931	7	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	7/2/1932	7	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	7/15/1932	7	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	8/24/1983	8	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	8/26/1983	8	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	8/30/1983	8	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	9/3/1983	9	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	9/7/1983	9	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	9/9/1983	9	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	9/25/1983	9	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	9/26/1983	9	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	9/27/1983	9	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	9/28/1983	9	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	10/16/1983	10	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	7/22/1984	7	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	9/17/1986	9	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	9/20/1986	9	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	8/24/1988	8	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	8/18/1991	8	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	10/16/1991	10	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	8/9/1995	8	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	10/8/1996	10	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	10/14/1997	10	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	10/17/1997	10	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	10/30/1997	10	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	10/31/1997	10	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	9/4/1998	9	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	7/22/2001	7	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	7/20/2002	7	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	8/7/2002	8	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/22/2002	9	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	7/29/2004	7	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	7/26/2005	7	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	8/13/2005	8	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	9/25/2006	9	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	7/11/2012	7	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	7/26/2012	7	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	9/4/2012	9	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	9/22/2012	9	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	8/10/2013	8	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	8/13/2013	8	2.4	2.4	1.62	11.00	6303	78.1622%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53837.33829
5439000	7/28/1927	7	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	8/19/1929	8	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	8/21/1983	8	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	9/11/1983	9	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	10/30/1983	10	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	8/15/1991	8	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	8/21/1991	8	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	9/8/1991	9	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	10/1/1991	10	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	9/11/1994	9	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	8/3/1998	8	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	9/1/1998	9	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	9/3/2000	9	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	9/4/2000	9	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	9/5/2000	9	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	7/21/2001	7	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	8/6/2001	8	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	10/15/2003	10	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	8/7/2004	8	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	8/19/2004	8	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	8/25/2004	8	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	7/25/2006	7	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	9/19/2006	9	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	8/7/2013	8	2.3	2.3	1.62	10.84	6348	78.7202%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	53045.98293
5439000	10/16/1928	10	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	10/9/1979	10	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	10/13/1979	10	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	9/5/1982	9	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	8/23/1983	8	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	8/31/1983	8	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	9/1/1983	9	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	9/4/1983	9	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	9/5/1983	9	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/25/1984	7	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	7/28/1984	7	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	9/7/1985	9	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	9/14/1985	9	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	9/20/1985	9	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	9/23/1985	9	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	10/7/1985	10	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	9/9/1986	9	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	9/10/1986	9	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	9/1/1992	9	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	8/8/1995	8	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	8/2/1999	8	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	8/12/1999	8	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	8/31/2000	8	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	9/17/2000	9	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	7/30/2001	7	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	9/4/2001	9	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	10/3/2001	10	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	7/29/2002	7	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	8/18/2002	8	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	10/7/2002	10	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	7/26/2003	7	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	7/29/2003	7	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	7/30/2004	7	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	10/31/2004	10	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	7/3/2005	7	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	7/19/2006	7	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	9/15/2006	9	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	10/20/2006	10	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	9/30/2009	9	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	9/11/2010	9	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	9/22/2010	9	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	8/8/2013	8	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	9/4/2013	9	2.2	2.2	1.62	10.68	6372	79.0179%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	52254.62757
5439000	8/20/1929	8	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	9/9/1929	9	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	7/19/1931	7	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	7/22/1931	7	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	7/30/1933	7	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	8/2/1933	8	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	9/19/1982	9	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	10/15/1982	10	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	10/16/1982	10	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	8/22/1983	8	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/8/1983	9	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	9/14/1983	9	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	8/20/1984	8	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	9/15/1984	9	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	9/18/1985	9	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	10/2/1991	10	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	9/5/1992	9	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	9/9/1995	9	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	10/16/1995	10	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	10/15/1996	10	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	9/19/1998	9	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	9/22/1998	9	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	8/10/1999	8	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	8/28/1999	8	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	8/19/2001	8	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	10/26/2002	10	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	7/31/2004	7	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	7/7/2005	7	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	8/5/2006	8	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	8/14/2008	8	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	8/18/2011	8	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	7/12/2012	7	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	9/15/2012	9	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	9/23/2012	9	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	8/9/2013	8	2.1	2.1	1.62	10.52	6415	79.5511%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	51463.27221
5439000	6/8/1926	6	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	9/20/1928	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	6/25/1930	6	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	7/18/1930	7	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	7/31/1933	7	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	8/4/1933	8	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	10/14/1982	10	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	9/12/1983	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	9/13/1983	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	9/29/1983	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	10/1/1983	10	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	10/5/1983	10	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	10/6/1983	10	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	8/5/1984	8	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	9/6/1984	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	9/9/1984	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	9/11/1984	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	9/28/1984	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	10/11/1984	10	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/15/1985	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	9/17/1985	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	9/18/1986	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	9/19/1986	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	8/14/1988	8	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	8/25/1988	8	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	8/1/1991	8	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	8/22/1991	8	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	9/2/1991	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	9/4/1992	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	9/7/1994	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	10/14/1998	10	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	8/7/1999	8	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	9/1/2000	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	9/19/2000	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	7/23/2001	7	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	10/30/2002	10	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	8/5/2003	8	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	8/13/2004	8	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	9/17/2006	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	9/26/2006	9	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	10/30/2010	10	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	7/28/2012	7	2	2	1.62	10.35	6450	79.9851%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	50671.91685
5439000	7/29/1927	7	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	9/21/1928	9	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	9/21/1982	9	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	10/17/1983	10	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	10/19/1983	10	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	8/9/1984	8	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	8/23/1984	8	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	9/2/1984	9	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	9/4/1984	9	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	9/24/1985	9	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	9/30/1985	9	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	9/9/1991	9	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	8/25/1992	8	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	8/25/1995	8	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	8/26/1995	8	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	9/23/1995	9	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	10/19/1995	10	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	9/21/1998	9	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	8/3/1999	8	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	9/9/2000	9	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	9/10/2000	9	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/18/2000	9	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	8/30/2002	8	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	8/6/2003	8	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	8/8/2004	8	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	9/10/2006	9	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	9/12/2008	9	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	9/21/2010	9	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	10/31/2010	10	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	9/2/2011	9	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	9/5/2011	9	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	7/5/2012	7	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	10/12/2012	10	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	8/11/2013	8	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	9/24/2014	9	1.9	1.9	1.62	10.19	6492	80.5060%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49880.56149
5439000	9/22/1928	9	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	10/5/1928	10	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	10/14/1928	10	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	8/17/1930	8	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	7/16/1932	7	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	10/7/1983	10	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	7/29/1984	7	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	8/6/1984	8	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	8/7/1984	8	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	8/10/1984	8	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	8/21/1984	8	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	8/22/1984	8	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	8/27/1984	8	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	8/28/1984	8	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	8/29/1984	8	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	8/31/1984	8	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	9/5/1984	9	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	9/7/1984	9	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	9/24/1984	9	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	9/29/1984	9	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	10/10/1984	10	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	10/16/1984	10	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	9/22/1985	9	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	9/15/1986	9	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	7/2/1988	7	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	8/22/1988	8	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	10/24/1988	10	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	8/17/1992	8	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	8/8/1994	8	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	8/16/1998	8	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/20/1998	9	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	9/2/2000	9	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	9/6/2000	9	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	7/21/2002	7	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	9/21/2002	9	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	10/9/2002	10	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	10/29/2002	10	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	7/27/2003	7	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	9/27/2003	9	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	8/1/2004	8	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	8/9/2004	8	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	8/17/2004	8	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	7/22/2005	7	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	8/22/2005	8	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	7/28/2006	7	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	9/12/2010	9	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	9/23/2010	9	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	9/25/2010	9	1.8	1.8	1.62	10.03	6527	80.9400%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	49089.20613
5439000	6/9/1926	6	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	8/12/1927	8	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	8/13/1927	8	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	8/14/1927	8	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	8/23/1929	8	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	9/8/1929	9	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	8/1/1933	8	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	9/29/1982	9	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	10/8/1983	10	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	10/9/1983	10	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	10/10/1983	10	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	10/18/1983	10	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	8/24/1984	8	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	8/30/1984	8	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	9/3/1984	9	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	9/10/1984	9	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	9/16/1984	9	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	10/3/1988	10	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	8/12/1995	8	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	8/13/1995	8	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	8/21/1997	8	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	8/15/1998	8	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	9/10/1998	9	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	8/13/1999	8	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	9/8/2000	9	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	7/25/2001	7	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/28/2002	7	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	9/5/2002	9	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	9/18/2002	9	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	10/3/2002	10	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	10/19/2002	10	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	10/20/2002	10	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	7/30/2003	7	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	9/7/2006	9	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	8/15/2008	8	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	7/23/2012	7	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	9/24/2012	9	1.7	1.7	1.62	9.87	6575	81.5352%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	48297.85077
5439000	10/15/1928	10	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	7/23/1931	7	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	10/14/1979	10	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	9/20/1982	9	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	9/22/1982	9	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	9/23/1982	9	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	9/28/1982	9	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	9/30/1982	9	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	10/2/1983	10	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	10/15/1983	10	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	7/23/1984	7	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	7/30/1984	7	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	8/8/1984	8	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	8/13/1984	8	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	8/14/1984	8	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	8/25/1984	8	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	9/30/1984	9	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	10/12/1984	10	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	9/27/1985	9	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	8/15/1988	8	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	8/27/1988	8	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	10/20/1997	10	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	8/14/1998	8	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	8/19/1998	8	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	8/20/1998	8	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	9/2/1998	9	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	9/5/1998	9	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	9/27/1998	9	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	8/8/1999	8	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	8/29/1999	8	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	9/8/2001	9	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	9/2/2002	9	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	10/21/2002	10	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/27/2002	10	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	10/31/2002	10	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	10/25/2003	10	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	8/30/2004	8	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	10/5/2006	10	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	10/12/2006	10	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	9/11/2008	9	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	9/19/2010	9	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	9/20/2010	9	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	10/3/2013	10	1.6	1.6	1.62	9.71	6612	81.9940%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	47506.49541
5439000	7/30/1927	7	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	8/15/1927	8	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	9/10/1929	9	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	10/2/1929	10	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	7/19/1930	7	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	8/5/1933	8	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	8/17/1933	8	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	9/23/1982	9	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	10/11/1983	10	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	8/26/1984	8	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	9/12/1984	9	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	9/17/1984	9	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	9/18/1984	9	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	9/19/1984	9	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	10/2/1984	10	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	10/3/1984	10	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	10/7/1984	10	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	7/6/1988	7	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	9/12/1988	9	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	9/8/1994	9	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	9/12/1994	9	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	9/16/1997	9	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	9/26/1998	9	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	8/9/1999	8	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	8/3/2001	8	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	7/30/2002	7	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	8/31/2002	8	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	9/1/2002	9	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	10/22/2002	10	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	10/28/2002	10	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	8/2/2004	8	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	8/26/2004	8	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	9/5/2004	9	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	9/16/2006	9	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/21/2008	8	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	8/18/2012	8	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	9/10/2012	9	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	10/29/2012	10	1.5	1.5	1.62	9.55	6655	82.5273%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	46715.14005
5439000	6/10/1926	6	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	7/31/1927	7	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/1/1927	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/2/1927	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/18/1927	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/26/1927	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/23/1928	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	10/13/1928	10	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/24/1929	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/25/1929	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/26/1929	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/27/1929	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/28/1929	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/29/1929	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/30/1929	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/31/1929	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/19/1929	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/25/1929	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	10/3/1929	10	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	10/14/1929	10	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	7/20/1930	7	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/6/1930	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/7/1930	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	10/5/1930	10	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	10/6/1930	10	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	7/24/1931	7	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/2/1931	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	10/16/1979	10	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	10/1/1982	10	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	10/5/1982	10	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/11/1984	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/12/1984	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/20/1984	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	10/4/1984	10	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	10/21/1988	10	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/9/1994	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/22/1994	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/27/1995	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/10/1995	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/24/1995	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/26/1997	7	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/17/1998	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/23/1998	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/8/1998	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/4/1999	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/6/1999	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/13/1999	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/6/2001	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/11/2001	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	10/8/2002	10	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	10/15/2002	10	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	10/18/2002	10	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	10/24/2002	10	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/7/2003	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	10/26/2003	10	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/10/2004	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/24/2004	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	10/25/2004	10	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	7/8/2005	7	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	7/10/2005	7	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	7/29/2006	7	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/6/2006	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/27/2006	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/16/2008	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/7/2008	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/13/2010	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/26/2010	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/19/2011	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/20/2011	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	7/29/2012	7	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	8/13/2012	8	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	9/19/2013	9	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	10/5/2013	10	1.4	1.4	1.62	9.38	6693	82.9985%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45923.78469
5439000	10/15/1929	10	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	7/21/1930	7	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	7/22/1930	7	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	7/17/1932	7	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	9/25/1982	9	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	9/27/1982	9	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	9/30/1983	9	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	9/21/1984	9	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	10/1/1984	10	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	10/5/1984	10	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	9/25/1985	9	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/29/1985	9	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	8/23/1988	8	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	9/4/1988	9	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	8/14/1995	8	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	8/28/1995	8	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	8/29/1995	8	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	10/9/1997	10	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	10/15/1997	10	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	8/18/1998	8	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	9/28/1998	9	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	8/5/1999	8	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	8/14/1999	8	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	8/1/2001	8	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	10/23/2002	10	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	8/18/2004	8	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	9/16/2004	9	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	7/9/2005	7	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	7/25/2005	7	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	2300	cfu/100ml	200	283.2	519022.9373	45132.42933
5439000	8/14/2005	8	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	9/20/2006	9	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	7/14/2012	7	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	8/27/2012	8	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	9/14/2012	9	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	10/10/2012	10	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	8/27/2013	8	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	9/5/2013	9	1.3	1.3	1.62	9.22	6766	83.9038%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	45132.42933
5439000	8/3/1927	8	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	8/16/1927	8	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	8/18/1927	8	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	9/6/1927	9	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	10/4/1929	10	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	10/9/1929	10	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	10/13/1929	10	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	7/23/1930	7	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	7/24/1930	7	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	7/25/1930	7	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	8/18/1930	8	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	8/19/1930	8	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	9/8/1930	9	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	8/9/1931	8	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	8/28/1931	8	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	8/9/1933	8	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	10/2/1982	10	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	9/22/1984	9	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/16/1985	9	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	8/16/1988	8	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	9/3/1991	9	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	8/30/1995	8	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	9/25/1995	9	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	9/30/1995	9	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	10/14/1995	10	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	8/22/1997	8	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	10/19/1997	10	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	10/24/1997	10	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	8/22/1998	8	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	9/9/1998	9	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	9/23/1998	9	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	9/7/2000	9	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	9/17/2001	9	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	7/22/2002	7	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	10/16/2003	10	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	10/29/2004	10	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	7/23/2005	7	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	7/28/2005	7	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	7/30/2006	7	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	8/28/2006	8	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	9/8/2006	9	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	8/17/2008	8	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	7/6/2012	7	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	8/26/2012	8	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	9/21/2012	9	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	10/9/2012	10	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	10/7/2013	10	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	9/25/2014	9	1.2	1.2	1.62	9.06	6803	84.3626%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	44341.07397
5439000	10/12/1928	10	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	7/26/1930	7	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	9/9/1930	9	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	7/18/1932	7	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	9/16/1932	9	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/10/1933	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/14/1933	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/15/1933	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/31/1933	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	9/1/1933	9	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	9/2/1933	9	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	10/4/1982	10	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/15/1984	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	10/15/1984	10	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/26/1985	9	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	10/1/1985	10	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	7/21/1988	7	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/17/1988	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/21/1992	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/31/1995	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	9/19/1995	9	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/21/1998	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	9/6/1998	9	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/17/2001	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/12/2002	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/19/2002	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	9/3/2002	9	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	9/23/2002	9	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	10/14/2002	10	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/31/2004	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	9/6/2004	9	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	10/22/2004	10	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/23/2005	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/29/2006	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	10/13/2006	10	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/18/2008	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/23/2008	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/2/2012	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	9/16/2012	9	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	9/20/2012	9	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	8/14/2013	8	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	9/26/2014	9	1.1	1.1	1.62	8.90	6851	84.9578%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	43549.71861
5439000	7/21/1925	7	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	8/4/1927	8	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	8/17/1927	8	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/7/1927	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/21/1927	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/1/1929	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/2/1929	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/5/1929	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/16/1929	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/18/1929	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/20/1929	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/24/1929	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/26/1929	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	10/8/1929	10	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	10/10/1929	10	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	7/25/1931	7	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/10/1931	8	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	8/30/1931	8	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	7/19/1932	7	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/12/1932	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/26/1982	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	10/3/1982	10	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	8/28/1988	8	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/13/1994	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/14/1994	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/24/1998	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	8/30/1999	8	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/4/2002	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	10/16/2002	10	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	7/24/2005	7	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	8/7/2006	8	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/28/2006	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	8/20/2008	8	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/15/2010	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	9/6/2011	9	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	8/28/2012	8	1	1	1.62	8.74	6893	85.4787%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42758.36325
5439000	10/2/1995	10	0.99	0.99	1.62	8.72	6929	85.9251%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42679.22771
5439000	7/4/1988	7	0.98	0.98	1.62	8.71	6930	85.9375%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42600.09218
5439000	10/18/1995	10	0.97	0.97	1.62	8.69	6931	85.9499%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42520.95664
5439000	10/27/2003	10	0.97	0.97	1.62	8.69	6931	85.9499%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42520.95664
5439000	8/26/1988	8	0.95	0.95	1.62	8.66	6933	85.9747%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42362.68557
5439000	8/25/1991	8	0.95	0.95	1.62	8.66	6933	85.9747%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42362.68557
5439000	9/9/1994	9	0.95	0.95	1.62	8.66	6933	85.9747%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42362.68557
5439000	9/25/1998	9	0.95	0.95	1.62	8.66	6933	85.9747%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42362.68557
5439000	10/26/2004	10	0.95	0.95	1.62	8.66	6933	85.9747%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42362.68557
5439000	9/18/2010	9	0.95	0.95	1.62	8.66	6933	85.9747%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42362.68557
5439000	7/13/2012	7	0.95	0.95	1.62	8.66	6933	85.9747%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42362.68557
5439000	8/7/2012	8	0.95	0.95	1.62	8.66	6933	85.9747%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42362.68557
5439000	10/2/1985	10	0.93	0.93	1.62	8.62	6941	86.0739%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42204.4145
5439000	10/3/1985	10	0.93	0.93	1.62	8.62	6941	86.0739%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42204.4145
5439000	8/24/1992	8	0.93	0.93	1.62	8.62	6941	86.0739%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42204.4145
5439000	8/15/1999	8	0.93	0.93	1.62	8.62	6941	86.0739%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42204.4145
5439000	7/26/2001	7	0.93	0.93	1.62	8.62	6941	86.0739%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42204.4145
5439000	8/14/2004	8	0.93	0.93	1.62	8.62	6941	86.0739%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42204.4145
5439000	10/21/1996	10	0.92	0.92	1.62	8.61	6947	86.1483%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42125.27896
5439000	8/25/2001	8	0.92	0.92	1.62	8.61	6947	86.1483%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42125.27896
5439000	8/19/2008	8	0.92	0.92	1.62	8.61	6947	86.1483%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42125.27896
5439000	8/21/2002	8	0.91	0.91	1.62	8.59	6950	86.1855%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42046.14342
5439000	10/6/2006	10	0.91	0.91	1.62	8.59	6950	86.1855%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	42046.14342
5439000	7/20/1925	7	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/22/1925	7	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	9/24/1928	9	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	10/6/1928	10	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	10/7/1928	10	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	10/8/1928	10	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	10/9/1928	10	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	9/3/1929	9	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	9/11/1929	9	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	10/5/1929	10	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	10/12/1929	10	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	8/9/1930	8	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	8/14/1930	8	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	8/20/1930	8	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	8/21/1930	8	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	8/22/1930	8	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	9/10/1930	9	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	9/11/1930	9	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	9/12/1930	9	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	9/13/1930	9	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	8/26/1931	8	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	8/27/1931	8	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	8/29/1931	8	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	9/11/1931	9	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	8/6/1933	8	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	8/7/1933	8	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	8/16/1933	8	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	8/18/1933	8	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	9/3/1933	9	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	10/19/2013	10	0.9	0.9	1.62	8.58	6952	86.2103%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41967.00789
5439000	9/6/2002	9	0.89	0.89	1.62	8.56	6982	86.5823%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41887.87235
5439000	10/13/2002	10	0.89	0.89	1.62	8.56	6982	86.5823%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41887.87235
5439000	10/28/2003	10	0.89	0.89	1.62	8.56	6982	86.5823%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41887.87235
5439000	10/23/2013	10	0.89	0.89	1.62	8.56	6982	86.5823%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41887.87235
5439000	10/16/1997	10	0.88	0.88	1.62	8.54	6986	86.6319%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41808.73682
5439000	9/12/2003	9	0.88	0.88	1.62	8.54	6986	86.6319%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41808.73682
5439000	8/19/2012	8	0.88	0.88	1.62	8.54	6986	86.6319%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41808.73682
5439000	10/6/1984	10	0.87	0.87	1.62	8.53	6989	86.6691%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41729.60128
5439000	9/11/1995	9	0.87	0.87	1.62	8.53	6989	86.6691%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41729.60128
5439000	7/27/1997	7	0.87	0.87	1.62	8.53	6989	86.6691%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41729.60128
5439000	10/17/2002	10	0.87	0.87	1.62	8.53	6989	86.6691%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41729.60128
5439000	7/31/2006	7	0.87	0.87	1.62	8.53	6989	86.6691%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41729.60128
5439000	9/27/2014	9	0.87	0.87	1.62	8.53	6989	86.6691%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41729.60128
5439000	10/13/1984	10	0.86	0.86	1.62	8.51	6995	86.7436%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41650.46574
5439000	9/19/1999	9	0.86	0.86	1.62	8.51	6995	86.7436%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41650.46574

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/27/2001	7	0.86	0.86	1.62	8.51	6995	86.7436%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41650.46574
5439000	8/4/2001	8	0.86	0.86	1.62	8.51	6995	86.7436%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41650.46574
5439000	9/12/2001	9	0.86	0.86	1.62	8.51	6995	86.7436%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41650.46574
5439000	7/24/2002	7	0.86	0.86	1.62	8.51	6995	86.7436%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41650.46574
5439000	8/20/2004	8	0.86	0.86	1.62	8.51	6995	86.7436%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41650.46574
5439000	9/1/2004	9	0.86	0.86	1.62	8.51	6995	86.7436%	Fecal	140	cfu/100ml	200	283.2	29155.32602	41650.46574
5439000	8/15/2012	8	0.86	0.86	1.62	8.51	6995	86.7436%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41650.46574
5439000	9/25/2012	9	0.86	0.86	1.62	8.51	6995	86.7436%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41650.46574
5439000	8/11/1999	8	0.85	0.85	1.62	8.49	7005	86.8676%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41571.33021
5439000	8/22/2001	8	0.85	0.85	1.62	8.49	7005	86.8676%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41571.33021
5439000	8/8/2002	8	0.85	0.85	1.62	8.49	7005	86.8676%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41571.33021
5439000	10/12/2002	10	0.85	0.85	1.62	8.49	7005	86.8676%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41571.33021
5439000	8/2/2006	8	0.85	0.85	1.62	8.49	7005	86.8676%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41571.33021
5439000	10/16/2006	10	0.85	0.85	1.62	8.49	7005	86.8676%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41571.33021
5439000	7/15/2012	7	0.85	0.85	1.62	8.49	7005	86.8676%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41571.33021
5439000	10/11/2012	10	0.85	0.85	1.62	8.49	7005	86.8676%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41571.33021
5439000	10/9/1984	10	0.84	0.84	1.62	8.48	7013	86.9668%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41492.19467
5439000	9/5/1988	9	0.84	0.84	1.62	8.48	7013	86.9668%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41492.19467
5439000	9/1/1995	9	0.84	0.84	1.62	8.48	7013	86.9668%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41492.19467
5439000	8/13/1997	8	0.84	0.84	1.62	8.48	7013	86.9668%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41492.19467
5439000	8/20/2001	8	0.84	0.84	1.62	8.48	7013	86.9668%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41492.19467
5439000	8/26/2001	8	0.84	0.84	1.62	8.48	7013	86.9668%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41492.19467
5439000	9/3/2001	9	0.84	0.84	1.62	8.48	7013	86.9668%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41492.19467
5439000	10/14/2006	10	0.84	0.84	1.62	8.48	7013	86.9668%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41492.19467
5439000	9/13/2003	9	0.83	0.83	1.62	8.46	7021	87.0660%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41413.05914
5439000	9/16/2010	9	0.83	0.83	1.62	8.46	7021	87.0660%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41413.05914
5439000	9/20/2013	9	0.83	0.83	1.62	8.46	7021	87.0660%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41413.05914
5439000	10/24/2013	10	0.83	0.83	1.62	8.46	7021	87.0660%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41413.05914
5439000	10/8/1984	10	0.82	0.82	1.62	8.45	7025	87.1156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41333.9236
5439000	10/1/2002	10	0.82	0.82	1.62	8.45	7025	87.1156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41333.9236
5439000	10/29/2003	10	0.82	0.82	1.62	8.45	7025	87.1156%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41333.9236
5439000	9/11/2002	9	0.81	0.81	1.62	8.43	7028	87.1528%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41254.78806
5439000	10/11/2002	10	0.81	0.81	1.62	8.43	7028	87.1528%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41254.78806
5439000	10/17/2010	10	0.81	0.81	1.62	8.43	7028	87.1528%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41254.78806
5439000	8/5/1927	8	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	9/25/1928	9	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	9/26/1928	9	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	9/4/1929	9	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	9/6/1929	9	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	10/7/1929	10	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	7/27/1930	7	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	8/15/1930	8	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	7/26/1931	7	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	7/27/1931	7	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/11/1931	8	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	8/12/1931	8	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	9/3/1931	9	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	8/8/1933	8	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	8/11/1933	8	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	8/30/1933	8	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	9/6/1933	9	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	9/7/1933	9	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	9/13/1933	9	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	10/15/1979	10	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	7/31/2001	7	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	8/5/2001	8	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	7/23/2002	7	0.8	0.8	1.62	8.41	7031	87.1900%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41175.65253
5439000	9/26/2003	9	0.79	0.79	1.62	8.40	7054	87.4752%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41096.51699
5439000	10/30/2003	10	0.79	0.79	1.62	8.40	7054	87.4752%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41096.51699
5439000	9/9/2004	9	0.79	0.79	1.62	8.40	7054	87.4752%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41096.51699
5439000	7/29/2005	7	0.79	0.79	1.62	8.40	7054	87.4752%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41096.51699
5439000	8/15/2005	8	0.79	0.79	1.62	8.40	7054	87.4752%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41096.51699
5439000	9/6/1988	9	0.78	0.78	1.62	8.38	7059	87.5372%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41017.38146
5439000	9/26/1995	9	0.78	0.78	1.62	8.38	7059	87.5372%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41017.38146
5439000	8/31/1999	8	0.78	0.78	1.62	8.38	7059	87.5372%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41017.38146
5439000	8/8/2003	8	0.78	0.78	1.62	8.38	7059	87.5372%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41017.38146
5439000	10/17/2003	10	0.78	0.78	1.62	8.38	7059	87.5372%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41017.38146
5439000	9/14/2010	9	0.78	0.78	1.62	8.38	7059	87.5372%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41017.38146
5439000	9/28/2014	9	0.78	0.78	1.62	8.38	7059	87.5372%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	41017.38146
5439000	10/4/1997	10	0.77	0.77	1.62	8.37	7066	87.6240%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40938.24592
5439000	8/23/1992	8	0.76	0.76	1.62	8.35	7067	87.6364%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40859.11038
5439000	10/31/2003	10	0.76	0.76	1.62	8.35	7067	87.6364%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40859.11038
5439000	10/25/2013	10	0.76	0.76	1.62	8.35	7067	87.6364%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40859.11038
5439000	7/31/1984	7	0.75	0.75	1.62	8.33	7070	87.6736%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40779.97485
5439000	10/14/1988	10	0.75	0.75	1.62	8.33	7070	87.6736%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40779.97485
5439000	8/31/1988	8	0.74	0.74	1.62	8.32	7072	87.6984%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40700.83931
5439000	9/15/2004	9	0.74	0.74	1.62	8.32	7072	87.6984%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40700.83931
5439000	9/21/2006	9	0.74	0.74	1.62	8.32	7072	87.6984%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40700.83931
5439000	10/15/2006	10	0.74	0.74	1.62	8.32	7072	87.6984%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40700.83931
5439000	9/13/2012	9	0.74	0.74	1.62	8.32	7072	87.6984%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40700.83931
5439000	10/1/2012	10	0.74	0.74	1.62	8.32	7072	87.6984%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40700.83931
5439000	8/23/1991	8	0.73	0.73	1.62	8.30	7078	87.7728%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40621.70378
5439000	9/7/2004	9	0.73	0.73	1.62	8.30	7078	87.7728%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40621.70378
5439000	9/17/2004	9	0.73	0.73	1.62	8.30	7078	87.7728%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40621.70378
5439000	10/4/2012	10	0.73	0.73	1.62	8.30	7078	87.7728%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40621.70378
5439000	10/22/2013	10	0.73	0.73	1.62	8.30	7078	87.7728%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40621.70378
5439000	9/5/2001	9	0.72	0.72	1.62	8.28	7083	87.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40542.56824
5439000	9/24/2002	9	0.72	0.72	1.62	8.28	7083	87.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40542.56824

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/16/2004	8	0.72	0.72	1.62	8.28	7083	87.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40542.56824
5439000	10/30/2012	10	0.72	0.72	1.62	8.28	7083	87.8348%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40542.56824
5439000	8/22/1992	8	0.71	0.71	1.62	8.27	7087	87.8844%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40463.4327
5439000	10/13/1995	10	0.71	0.71	1.62	8.27	7087	87.8844%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40463.4327
5439000	7/17/1925	7	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	7/18/1925	7	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	7/19/1925	7	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	7/23/1925	7	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	7/24/1925	7	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	7/31/1925	7	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	8/1/1925	8	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	8/19/1927	8	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	9/8/1927	9	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	9/16/1927	9	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	9/22/1927	9	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	9/27/1928	9	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	10/10/1928	10	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	9/7/1929	9	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	9/17/1929	9	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	9/21/1929	9	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	9/22/1929	9	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	9/23/1929	9	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	9/27/1929	9	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	9/28/1929	9	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	10/11/1929	10	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	8/8/1930	8	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	8/10/1930	8	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	8/11/1930	8	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	8/16/1930	8	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	10/11/1932	10	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	8/12/1933	8	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	8/13/1933	8	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	8/24/1933	8	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	9/11/1933	9	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	8/23/1997	8	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	8/24/1997	8	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	9/28/2010	9	0.7	0.7	1.62	8.25	7089	87.9092%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40384.29717
5439000	9/13/1998	9	0.69	0.69	1.62	8.24	7122	88.3185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40305.16163
5439000	8/16/1999	8	0.69	0.69	1.62	8.24	7122	88.3185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40305.16163
5439000	9/3/2004	9	0.69	0.69	1.62	8.24	7122	88.3185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40305.16163
5439000	9/9/2006	9	0.69	0.69	1.62	8.24	7122	88.3185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40305.16163
5439000	9/18/2011	9	0.69	0.69	1.62	8.24	7122	88.3185%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40305.16163
5439000	9/19/1988	9	0.68	0.68	1.62	8.22	7127	88.3805%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40226.0261
5439000	9/2/1995	9	0.68	0.68	1.62	8.22	7127	88.3805%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40226.0261

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/20/1999	9	0.68	0.68	1.62	8.22	7127	88.3805%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40226.0261
5439000	7/28/2001	7	0.68	0.68	1.62	8.22	7127	88.3805%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40226.0261
5439000	10/1/2006	10	0.68	0.68	1.62	8.22	7127	88.3805%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40226.0261
5439000	9/11/2012	9	0.68	0.68	1.62	8.22	7127	88.3805%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40226.0261
5439000	10/4/1988	10	0.67	0.67	1.62	8.20	7133	88.4549%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40146.89056
5439000	9/12/1999	9	0.67	0.67	1.62	8.20	7133	88.4549%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40146.89056
5439000	10/7/2006	10	0.67	0.67	1.62	8.20	7133	88.4549%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40146.89056
5439000	9/17/2010	9	0.67	0.67	1.62	8.20	7133	88.4549%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40146.89056
5439000	10/2/2012	10	0.67	0.67	1.62	8.20	7133	88.4549%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40146.89056
5439000	7/30/1988	7	0.66	0.66	1.62	8.19	7138	88.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40067.75502
5439000	9/3/1999	9	0.66	0.66	1.62	8.19	7138	88.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40067.75502
5439000	8/11/2003	8	0.66	0.66	1.62	8.19	7138	88.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40067.75502
5439000	8/21/2004	8	0.66	0.66	1.62	8.19	7138	88.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40067.75502
5439000	9/2/2004	9	0.66	0.66	1.62	8.19	7138	88.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40067.75502
5439000	9/25/2005	9	0.66	0.66	1.62	8.19	7138	88.5169%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	40067.75502
5439000	7/28/1988	7	0.65	0.65	1.62	8.17	7144	88.5913%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39988.61949
5439000	8/21/2001	8	0.65	0.65	1.62	8.17	7144	88.5913%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39988.61949
5439000	9/14/2003	9	0.65	0.65	1.62	8.17	7144	88.5913%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39988.61949
5439000	7/11/2005	7	0.65	0.65	1.62	8.17	7144	88.5913%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39988.61949
5439000	8/8/2006	8	0.65	0.65	1.62	8.17	7144	88.5913%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39988.61949
5439000	7/3/1988	7	0.64	0.64	1.62	8.16	7149	88.6533%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39909.48395
5439000	9/24/1988	9	0.64	0.64	1.62	8.16	7149	88.6533%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39909.48395
5439000	9/15/1994	9	0.64	0.64	1.62	8.16	7149	88.6533%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39909.48395
5439000	10/24/2003	10	0.64	0.64	1.62	8.16	7149	88.6533%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39909.48395
5439000	9/27/2010	9	0.64	0.64	1.62	8.16	7149	88.6533%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39909.48395
5439000	8/1/1984	8	0.63	0.63	1.62	8.14	7154	88.7153%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39830.34842
5439000	8/3/1984	8	0.63	0.63	1.62	8.14	7154	88.7153%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39830.34842
5439000	9/22/1988	9	0.63	0.63	1.62	8.14	7154	88.7153%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39830.34842
5439000	8/1/2006	8	0.63	0.63	1.62	8.14	7154	88.7153%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39830.34842
5439000	10/3/1995	10	0.62	0.62	1.62	8.12	7158	88.7649%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39751.21288
5439000	8/11/1997	8	0.62	0.62	1.62	8.12	7158	88.7649%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39751.21288
5439000	10/25/1997	10	0.62	0.62	1.62	8.12	7158	88.7649%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39751.21288
5439000	7/25/2002	7	0.62	0.62	1.62	8.12	7158	88.7649%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39751.21288
5439000	8/22/2004	8	0.62	0.62	1.62	8.12	7158	88.7649%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39751.21288
5439000	8/24/2005	8	0.62	0.62	1.62	8.12	7158	88.7649%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39751.21288
5439000	10/8/2006	10	0.62	0.62	1.62	8.12	7158	88.7649%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39751.21288
5439000	9/3/1995	9	0.61	0.61	1.62	8.11	7165	88.8517%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39672.07734
5439000	8/23/2001	8	0.61	0.61	1.62	8.11	7165	88.8517%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39672.07734
5439000	9/13/2001	9	0.61	0.61	1.62	8.11	7165	88.8517%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39672.07734
5439000	9/29/2006	9	0.61	0.61	1.62	8.11	7165	88.8517%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39672.07734
5439000	10/26/2013	10	0.61	0.61	1.62	8.11	7165	88.8517%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39672.07734
5439000	7/25/1925	7	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	7/26/1925	7	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	7/27/1925	7	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/2/1925	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/7/1925	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/8/1925	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/9/1925	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/10/1925	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/11/1925	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/12/1925	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/13/1925	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/14/1925	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	9/14/1925	9	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	10/2/1925	10	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	10/26/1925	10	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	10/30/1925	10	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/6/1927	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/20/1927	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/21/1927	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	9/23/1927	9	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	9/28/1928	9	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	9/29/1928	9	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	9/30/1928	9	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	10/6/1929	10	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	9/14/1930	9	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/13/1931	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/14/1931	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/19/1931	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	9/4/1931	9	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	9/6/1931	9	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	9/8/1931	9	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	9/12/1931	9	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	7/20/1932	7	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/2/1932	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	10/23/1932	10	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/19/1933	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/20/1933	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/28/1933	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	9/4/1933	9	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	9/8/1933	9	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	9/9/1933	9	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	9/10/1933	9	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	9/12/1933	9	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	7/29/1988	7	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	9/13/1995	9	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/14/1997	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/25/1997	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/7/1997	9	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	8/15/2004	8	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	10/14/2013	10	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	10/20/2013	10	0.6	0.6	1.62	8.09	7170	88.9137%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39592.94181
5439000	10/1/1997	10	0.59	0.59	1.62	8.07	7221	89.5461%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39513.80627
5439000	8/7/2001	8	0.59	0.59	1.62	8.07	7221	89.5461%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39513.80627
5439000	7/26/2002	7	0.59	0.59	1.62	8.07	7221	89.5461%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39513.80627
5439000	10/3/2012	10	0.59	0.59	1.62	8.07	7221	89.5461%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39513.80627
5439000	9/18/2013	9	0.59	0.59	1.62	8.07	7221	89.5461%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39513.80627
5439000	8/16/1984	8	0.58	0.58	1.62	8.06	7226	89.6081%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39434.67074
5439000	8/3/1988	8	0.58	0.58	1.62	8.06	7226	89.6081%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39434.67074
5439000	9/7/2002	9	0.58	0.58	1.62	8.06	7226	89.6081%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39434.67074
5439000	9/10/2002	9	0.58	0.58	1.62	8.06	7226	89.6081%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39434.67074
5439000	10/10/2002	10	0.58	0.58	1.62	8.06	7226	89.6081%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39434.67074
5439000	10/18/2003	10	0.58	0.58	1.62	8.06	7226	89.6081%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39434.67074
5439000	7/30/2005	7	0.58	0.58	1.62	8.06	7226	89.6081%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39434.67074
5439000	9/29/2014	9	0.58	0.58	1.62	8.06	7226	89.6081%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39434.67074
5439000	10/19/2003	10	0.57	0.57	1.62	8.04	7234	89.7073%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39355.5352
5439000	9/26/2005	9	0.57	0.57	1.62	8.04	7234	89.7073%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39355.5352
5439000	10/9/2006	10	0.57	0.57	1.62	8.04	7234	89.7073%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39355.5352
5439000	9/21/2011	9	0.57	0.57	1.62	8.04	7234	89.7073%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39355.5352
5439000	9/17/2013	9	0.57	0.57	1.62	8.04	7234	89.7073%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39355.5352
5439000	10/25/1988	10	0.56	0.56	1.62	8.03	7239	89.7693%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39276.39966
5439000	8/24/2001	8	0.56	0.56	1.62	8.03	7239	89.7693%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39276.39966
5439000	9/14/2002	9	0.56	0.56	1.62	8.03	7239	89.7693%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39276.39966
5439000	8/9/2003	8	0.56	0.56	1.62	8.03	7239	89.7693%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39276.39966
5439000	8/22/2003	8	0.56	0.56	1.62	8.03	7239	89.7693%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39276.39966
5439000	8/23/2004	8	0.56	0.56	1.62	8.03	7239	89.7693%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39276.39966
5439000	8/16/2005	8	0.56	0.56	1.62	8.03	7239	89.7693%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39276.39966
5439000	9/7/2011	9	0.56	0.56	1.62	8.03	7239	89.7693%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39276.39966
5439000	8/15/2013	8	0.56	0.56	1.62	8.03	7239	89.7693%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39276.39966
5439000	10/21/2013	10	0.56	0.56	1.62	8.03	7239	89.7693%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39276.39966
5439000	9/27/1995	9	0.55	0.55	1.62	8.01	7249	89.8934%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39197.26413
5439000	8/12/1997	8	0.55	0.55	1.62	8.01	7249	89.8934%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39197.26413
5439000	9/11/1998	9	0.55	0.55	1.62	8.01	7249	89.8934%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39197.26413
5439000	9/25/2002	9	0.55	0.55	1.62	8.01	7249	89.8934%	Fecal	33	cfu/100ml	200	283.2	6467.548581	39197.26413
5439000	8/20/2012	8	0.55	0.55	1.62	8.01	7249	89.8934%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39197.26413
5439000	9/30/2012	9	0.55	0.55	1.62	8.01	7249	89.8934%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39197.26413
5439000	9/8/2002	9	0.54	0.54	1.62	7.99	7255	89.9678%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39118.12859
5439000	9/12/2002	9	0.54	0.54	1.62	7.99	7255	89.9678%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39118.12859
5439000	10/2/2010	10	0.54	0.54	1.62	7.99	7255	89.9678%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39118.12859
5439000	9/16/1994	9	0.53	0.53	1.62	7.98	7258	90.0050%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39038.99306
5439000	7/28/1997	7	0.53	0.53	1.62	7.98	7258	90.0050%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39038.99306
5439000	9/1/1999	9	0.53	0.53	1.62	7.98	7258	90.0050%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39038.99306

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/27/2001	8	0.53	0.53	1.62	7.98	7258	90.0050%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39038.99306
5439000	10/27/2004	10	0.53	0.53	1.62	7.98	7258	90.0050%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39038.99306
5439000	10/3/2010	10	0.53	0.53	1.62	7.98	7258	90.0050%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39038.99306
5439000	9/21/2013	9	0.53	0.53	1.62	7.98	7258	90.0050%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	39038.99306
5439000	8/2/1984	8	0.52	0.52	1.62	7.96	7265	90.0918%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38959.85752
5439000	7/27/1988	7	0.52	0.52	1.62	7.96	7265	90.0918%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38959.85752
5439000	10/22/1988	10	0.52	0.52	1.62	7.96	7265	90.0918%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38959.85752
5439000	9/14/2001	9	0.52	0.52	1.62	7.96	7265	90.0918%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38959.85752
5439000	9/16/2001	9	0.52	0.52	1.62	7.96	7265	90.0918%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38959.85752
5439000	9/4/2004	9	0.52	0.52	1.62	7.96	7265	90.0918%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38959.85752
5439000	10/14/2004	10	0.52	0.52	1.62	7.96	7265	90.0918%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38959.85752
5439000	9/30/2006	9	0.52	0.52	1.62	7.96	7265	90.0918%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38959.85752
5439000	9/30/2014	9	0.52	0.52	1.62	7.96	7265	90.0918%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38959.85752
5439000	10/15/1988	10	0.51	0.51	1.62	7.95	7274	90.2034%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38880.72198
5439000	10/20/1988	10	0.51	0.51	1.62	7.95	7274	90.2034%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38880.72198
5439000	10/18/1997	10	0.51	0.51	1.62	7.95	7274	90.2034%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38880.72198
5439000	8/10/2003	8	0.51	0.51	1.62	7.95	7274	90.2034%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38880.72198
5439000	7/28/1925	7	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	7/29/1925	7	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	9/11/1925	9	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	10/25/1925	10	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	9/9/1927	9	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	9/11/1927	9	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	9/17/1927	9	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	10/1/1928	10	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	10/11/1928	10	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	8/5/1930	8	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	8/23/1930	8	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	7/28/1931	7	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	7/29/1931	7	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	7/30/1931	7	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	7/31/1931	7	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	8/1/1931	8	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	8/2/1931	8	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	8/3/1931	8	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	8/4/1931	8	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	8/8/1931	8	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	8/15/1931	8	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	8/16/1931	8	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	9/10/1931	9	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	7/21/1932	7	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	9/1/1932	9	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	9/17/1932	9	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	10/12/1932	10	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/16/1932	10	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	10/24/1932	10	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	8/21/1933	8	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	9/5/1933	9	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	9/14/1933	9	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	9/27/1933	9	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	9/16/1995	9	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	9/2/1999	9	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	9/15/2001	9	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	9/26/2002	9	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	10/20/2003	10	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	10/10/2006	10	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	9/6/2013	9	0.5	0.5	1.62	7.93	7278	90.2530%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38801.58645
5439000	9/12/1995	9	0.49	0.49	1.62	7.91	7318	90.7490%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38722.45091
5439000	7/29/2001	7	0.49	0.49	1.62	7.91	7318	90.7490%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38722.45091
5439000	8/20/2002	8	0.49	0.49	1.62	7.91	7318	90.7490%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38722.45091
5439000	9/8/2004	9	0.49	0.49	1.62	7.91	7318	90.7490%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38722.45091
5439000	9/24/2005	9	0.49	0.49	1.62	7.91	7318	90.7490%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38722.45091
5439000	9/27/2005	9	0.49	0.49	1.62	7.91	7318	90.7490%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38722.45091
5439000	8/4/1988	8	0.48	0.48	1.62	7.90	7324	90.8234%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38643.31538
5439000	7/29/1997	7	0.48	0.48	1.62	7.90	7324	90.8234%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38643.31538
5439000	8/12/2003	8	0.48	0.48	1.62	7.90	7324	90.8234%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38643.31538
5439000	7/12/2005	7	0.48	0.48	1.62	7.90	7324	90.8234%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38643.31538
5439000	8/19/2006	8	0.48	0.48	1.62	7.90	7324	90.8234%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38643.31538
5439000	9/8/2011	9	0.48	0.48	1.62	7.90	7324	90.8234%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38643.31538
5439000	8/18/1992	8	0.47	0.47	1.62	7.88	7330	90.8978%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38564.17984
5439000	8/9/2002	8	0.47	0.47	1.62	7.88	7330	90.8978%	Fecal	181	cfu/100ml	200	283.2	34900.58275	38564.17984
5439000	8/28/2013	8	0.47	0.47	1.62	7.88	7330	90.8978%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38564.17984
5439000	7/26/1988	7	0.46	0.46	1.62	7.86	7333	90.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38485.0443
5439000	8/2/1988	8	0.46	0.46	1.62	7.86	7333	90.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38485.0443
5439000	8/19/1999	8	0.46	0.46	1.62	7.86	7333	90.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38485.0443
5439000	10/23/2003	10	0.46	0.46	1.62	7.86	7333	90.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38485.0443
5439000	9/18/2004	9	0.46	0.46	1.62	7.86	7333	90.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38485.0443
5439000	8/11/2005	8	0.46	0.46	1.62	7.86	7333	90.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38485.0443
5439000	8/11/2006	8	0.46	0.46	1.62	7.86	7333	90.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38485.0443
5439000	10/4/2010	10	0.46	0.46	1.62	7.86	7333	90.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38485.0443
5439000	7/16/2012	7	0.46	0.46	1.62	7.86	7333	90.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38485.0443
5439000	8/16/2013	8	0.46	0.46	1.62	7.86	7333	90.9350%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38485.0443
5439000	10/14/1984	10	0.45	0.45	1.62	7.85	7343	91.0590%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38405.90877
5439000	7/7/1988	7	0.45	0.45	1.62	7.85	7343	91.0590%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38405.90877
5439000	7/16/1988	7	0.45	0.45	1.62	7.85	7343	91.0590%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38405.90877
5439000	9/3/1988	9	0.45	0.45	1.62	7.85	7343	91.0590%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38405.90877
5439000	9/17/1995	9	0.45	0.45	1.62	7.85	7343	91.0590%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38405.90877
5439000	9/14/1999	9	0.45	0.45	1.62	7.85	7343	91.0590%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38405.90877

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/10/2001	8	0.45	0.45	1.62	7.85	7343	91.0590%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38405.90877
5439000	8/2/2002	8	0.45	0.45	1.62	7.85	7343	91.0590%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38405.90877
5439000	8/10/2006	8	0.45	0.45	1.62	7.85	7343	91.0590%	Fecal	28000	cfu/100ml	200	283.2	5376827.227	38405.90877
5439000	8/24/2008	8	0.45	0.45	1.62	7.85	7343	91.0590%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38405.90877
5439000	7/30/2012	7	0.45	0.45	1.62	7.85	7343	91.0590%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38405.90877
5439000	9/29/2013	9	0.45	0.45	1.62	7.85	7343	91.0590%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38405.90877
5439000	10/3/2005	10	0.44	0.44	1.62	7.83	7355	91.2078%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38326.77323
5439000	9/10/2011	9	0.44	0.44	1.62	7.83	7355	91.2078%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38326.77323
5439000	7/31/1988	7	0.43	0.43	1.62	7.82	7357	91.2326%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38247.63769
5439000	10/19/1988	10	0.43	0.43	1.62	7.82	7357	91.2326%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38247.63769
5439000	9/18/1995	9	0.43	0.43	1.62	7.82	7357	91.2326%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38247.63769
5439000	9/28/1995	9	0.43	0.43	1.62	7.82	7357	91.2326%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38247.63769
5439000	8/20/1999	8	0.43	0.43	1.62	7.82	7357	91.2326%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38247.63769
5439000	10/27/2013	10	0.43	0.43	1.62	7.82	7357	91.2326%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38247.63769
5439000	9/23/1988	9	0.42	0.42	1.62	7.80	7363	91.3070%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38168.50216
5439000	10/12/1995	10	0.42	0.42	1.62	7.80	7363	91.3070%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38168.50216
5439000	8/9/2001	8	0.42	0.42	1.62	7.80	7363	91.3070%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38168.50216
5439000	10/21/2003	10	0.42	0.42	1.62	7.80	7363	91.3070%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38168.50216
5439000	7/13/2005	7	0.42	0.42	1.62	7.80	7363	91.3070%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38168.50216
5439000	8/3/2012	8	0.42	0.42	1.62	7.80	7363	91.3070%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38168.50216
5439000	8/21/2012	8	0.42	0.42	1.62	7.80	7363	91.3070%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38168.50216
5439000	8/18/2013	8	0.42	0.42	1.62	7.80	7363	91.3070%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38168.50216
5439000	10/1/2014	10	0.42	0.42	1.62	7.80	7363	91.3070%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38168.50216
5439000	10/28/1988	10	0.41	0.41	1.62	7.78	7372	91.4187%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38089.36662
5439000	8/16/1991	8	0.41	0.41	1.62	7.78	7372	91.4187%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38089.36662
5439000	9/4/1995	9	0.41	0.41	1.62	7.78	7372	91.4187%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38089.36662
5439000	9/15/1995	9	0.41	0.41	1.62	7.78	7372	91.4187%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38089.36662
5439000	8/8/2001	8	0.41	0.41	1.62	7.78	7372	91.4187%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38089.36662
5439000	9/9/2002	9	0.41	0.41	1.62	7.78	7372	91.4187%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38089.36662
5439000	9/27/2002	9	0.41	0.41	1.62	7.78	7372	91.4187%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38089.36662
5439000	10/8/2004	10	0.41	0.41	1.62	7.78	7372	91.4187%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38089.36662
5439000	10/8/2013	10	0.41	0.41	1.62	7.78	7372	91.4187%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38089.36662
5439000	7/30/1925	7	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	8/5/1925	8	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	8/6/1925	8	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	9/12/1925	9	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	9/13/1925	9	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	9/30/1925	9	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	10/31/1925	10	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	9/27/1927	9	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	10/2/1928	10	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	10/3/1928	10	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	10/4/1928	10	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	8/3/1930	8	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/4/1930	8	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	8/12/1930	8	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	8/13/1930	8	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	9/9/1931	9	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	10/7/1931	10	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	7/22/1932	7	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	10/13/1932	10	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	10/14/1932	10	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	10/15/1932	10	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	10/17/1932	10	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	10/18/1932	10	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	10/19/1932	10	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	10/20/1932	10	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	10/21/1932	10	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	10/22/1932	10	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	8/22/1933	8	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	8/23/1933	8	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	8/25/1933	8	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	8/26/1933	8	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	8/27/1933	8	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	8/29/1933	8	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	9/26/1933	9	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	9/28/1933	9	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	9/16/1988	9	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	9/5/1995	9	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	9/18/1997	9	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	8/28/2001	8	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	8/19/2013	8	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	10/29/2013	10	0.4	0.4	1.62	7.77	7381	91.5303%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	38010.23109
5439000	10/26/1988	10	0.39	0.39	1.62	7.75	7422	92.0387%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37931.09555
5439000	9/17/1994	9	0.39	0.39	1.62	7.75	7422	92.0387%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37931.09555
5439000	9/6/1995	9	0.39	0.39	1.62	7.75	7422	92.0387%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37931.09555
5439000	10/8/1997	10	0.39	0.39	1.62	7.75	7422	92.0387%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37931.09555
5439000	9/13/2002	9	0.39	0.39	1.62	7.75	7422	92.0387%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37931.09555
5439000	9/20/2005	9	0.39	0.39	1.62	7.75	7422	92.0387%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37931.09555
5439000	9/29/2010	9	0.39	0.39	1.62	7.75	7422	92.0387%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37931.09555
5439000	9/26/2012	9	0.39	0.39	1.62	7.75	7422	92.0387%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37931.09555
5439000	10/28/2013	10	0.39	0.39	1.62	7.75	7422	92.0387%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37931.09555
5439000	10/4/1995	10	0.38	0.38	1.62	7.73	7431	92.1503%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37851.96001
5439000	8/6/1997	8	0.38	0.38	1.62	7.73	7431	92.1503%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37851.96001
5439000	9/12/1998	9	0.38	0.38	1.62	7.73	7431	92.1503%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37851.96001
5439000	9/4/1999	9	0.38	0.38	1.62	7.73	7431	92.1503%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37851.96001
5439000	9/29/2002	9	0.38	0.38	1.62	7.73	7431	92.1503%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37851.96001
5439000	7/31/2005	7	0.38	0.38	1.62	7.73	7431	92.1503%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37851.96001

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge Surrogate (less NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/17/2005	8	0.38	0.38	1.62	7.73	7431	92.1503%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37851.96001
5439000	10/4/2005	10	0.38	0.38	1.62	7.73	7431	92.1503%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37851.96001
5439000	9/18/1994	9	0.37	0.37	1.62	7.72	7439	92.2495%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37772.82448
5439000	9/14/1995	9	0.37	0.37	1.62	7.72	7439	92.2495%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37772.82448
5439000	9/23/1997	9	0.37	0.37	1.62	7.72	7439	92.2495%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37772.82448
5439000	10/2/1997	10	0.37	0.37	1.62	7.72	7439	92.2495%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37772.82448
5439000	10/21/1997	10	0.37	0.37	1.62	7.72	7439	92.2495%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37772.82448
5439000	8/11/2001	8	0.37	0.37	1.62	7.72	7439	92.2495%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37772.82448
5439000	8/31/2001	8	0.37	0.37	1.62	7.72	7439	92.2495%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37772.82448
5439000	9/19/2004	9	0.37	0.37	1.62	7.72	7439	92.2495%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37772.82448
5439000	9/7/2013	9	0.37	0.37	1.62	7.72	7439	92.2495%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37772.82448
5439000	8/27/1997	8	0.36	0.36	1.62	7.70	7448	92.3611%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37693.68894
5439000	9/28/2002	9	0.36	0.36	1.62	7.70	7448	92.3611%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37693.68894
5439000	8/9/2006	8	0.36	0.36	1.62	7.70	7448	92.3611%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37693.68894
5439000	10/31/2012	10	0.36	0.36	1.62	7.70	7448	92.3611%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37693.68894
5439000	7/10/1988	7	0.35	0.35	1.62	7.69	7452	92.4107%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37614.55341
5439000	8/30/1988	8	0.35	0.35	1.62	7.69	7452	92.4107%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37614.55341
5439000	8/17/1999	8	0.35	0.35	1.62	7.69	7452	92.4107%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37614.55341
5439000	8/12/2001	8	0.35	0.35	1.62	7.69	7452	92.4107%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37614.55341
5439000	9/30/2002	9	0.35	0.35	1.62	7.69	7452	92.4107%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37614.55341
5439000	10/22/2003	10	0.35	0.35	1.62	7.69	7452	92.4107%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37614.55341
5439000	8/30/2006	8	0.35	0.35	1.62	7.69	7452	92.4107%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37614.55341
5439000	9/28/2012	9	0.35	0.35	1.62	7.69	7452	92.4107%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37614.55341
5439000	9/29/2012	9	0.35	0.35	1.62	7.69	7452	92.4107%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37614.55341
5439000	10/16/2013	10	0.35	0.35	1.62	7.69	7452	92.4107%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37614.55341
5439000	7/30/1997	7	0.34	0.34	1.62	7.67	7462	92.5347%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37535.41787
5439000	8/10/1997	8	0.34	0.34	1.62	7.67	7462	92.5347%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37535.41787
5439000	9/5/1999	9	0.34	0.34	1.62	7.67	7462	92.5347%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37535.41787
5439000	10/1/2004	10	0.34	0.34	1.62	7.67	7462	92.5347%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37535.41787
5439000	8/28/2008	8	0.34	0.34	1.62	7.67	7462	92.5347%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37535.41787
5439000	9/22/2013	9	0.34	0.34	1.62	7.67	7462	92.5347%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37535.41787
5439000	10/27/1988	10	0.33	0.33	1.62	7.65	7468	92.6091%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37456.28233
5439000	10/29/1988	10	0.33	0.33	1.62	7.65	7468	92.6091%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37456.28233
5439000	8/30/1997	8	0.33	0.33	1.62	7.65	7468	92.6091%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37456.28233
5439000	8/31/1997	8	0.33	0.33	1.62	7.65	7468	92.6091%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37456.28233
5439000	9/2/1997	9	0.33	0.33	1.62	7.65	7468	92.6091%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37456.28233
5439000	9/24/1997	9	0.33	0.33	1.62	7.65	7468	92.6091%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37456.28233
5439000	8/10/2002	8	0.33	0.33	1.62	7.65	7468	92.6091%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37456.28233
5439000	9/20/2004	9	0.33	0.33	1.62	7.65	7468	92.6091%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37456.28233
5439000	9/11/2011	9	0.33	0.33	1.62	7.65	7468	92.6091%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37456.28233
5439000	9/27/2012	9	0.33	0.33	1.62	7.65	7468	92.6091%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37456.28233
5439000	8/7/1997	8	0.32	0.32	1.62	7.64	7478	92.7331%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37377.1468
5439000	8/26/1997	8	0.32	0.32	1.62	7.64	7478	92.7331%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37377.1468
5439000	10/5/1997	10	0.32	0.32	1.62	7.64	7478	92.7331%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37377.1468

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/21/1999	9	0.32	0.32	1.62	7.64	7478	92.7331%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37377.1468
5439000	8/11/2002	8	0.32	0.32	1.62	7.64	7478	92.7331%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37377.1468
5439000	10/28/2004	10	0.32	0.32	1.62	7.64	7478	92.7331%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37377.1468
5439000	7/16/2005	7	0.32	0.32	1.62	7.64	7478	92.7331%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37377.1468
5439000	8/29/2008	8	0.32	0.32	1.62	7.64	7478	92.7331%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37377.1468
5439000	8/17/2013	8	0.32	0.32	1.62	7.64	7478	92.7331%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37377.1468
5439000	9/8/2013	9	0.32	0.32	1.62	7.64	7478	92.7331%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37377.1468
5439000	9/9/2013	9	0.32	0.32	1.62	7.64	7478	92.7331%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37377.1468
5439000	8/20/1992	8	0.31	0.31	1.62	7.62	7489	92.8695%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37298.01126
5439000	8/28/1997	8	0.31	0.31	1.62	7.62	7489	92.8695%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37298.01126
5439000	9/4/1997	9	0.31	0.31	1.62	7.62	7489	92.8695%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37298.01126
5439000	9/15/1997	9	0.31	0.31	1.62	7.62	7489	92.8695%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37298.01126
5439000	9/30/1997	9	0.31	0.31	1.62	7.62	7489	92.8695%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37298.01126
5439000	10/3/1997	10	0.31	0.31	1.62	7.62	7489	92.8695%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37298.01126
5439000	8/15/2001	8	0.31	0.31	1.62	7.62	7489	92.8695%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37298.01126
5439000	9/12/2004	9	0.31	0.31	1.62	7.62	7489	92.8695%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37298.01126
5439000	8/23/1925	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/4/1925	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/15/1925	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/16/1925	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/19/1925	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/21/1925	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/22/1925	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/23/1925	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/24/1925	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/25/1925	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/26/1925	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/27/1925	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/28/1925	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/29/1925	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/30/1925	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/31/1925	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/1/1925	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/2/1925	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/3/1925	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/4/1925	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/5/1925	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/6/1925	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/7/1925	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/8/1925	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/10/1925	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/15/1925	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/16/1925	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/19/1925	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/1/1925	10	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	10/7/1925	10	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	10/24/1925	10	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/23/1927	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/10/1927	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/12/1927	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/13/1927	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/14/1927	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/19/1927	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/24/1927	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/25/1927	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/12/1929	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	7/28/1930	7	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/6/1930	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/1/1930	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/15/1930	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/20/1931	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/13/1931	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	7/23/1932	7	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	7/24/1932	7	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	7/25/1932	7	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	7/26/1932	7	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/13/1932	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/14/1932	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/15/1932	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/27/1932	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/29/1932	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/2/1932	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/3/1932	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/18/1932	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/19/1932	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/20/1932	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	10/5/1932	10	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/19/1933	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/25/1933	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/29/1933	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	10/16/1933	10	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	10/22/1933	10	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	10/23/1933	10	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	10/24/1933	10	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	10/26/1933	10	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	7/11/1988	7	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	7/22/1988	7	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/19/1994	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/29/1997	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/29/1997	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	8/29/2001	8	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/2/2003	9	0.3	0.3	1.62	7.61	7497	92.9688%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37218.87573
5439000	9/10/1988	9	0.29	0.29	1.62	7.59	7573	93.9112%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37139.74019
5439000	9/18/1988	9	0.29	0.29	1.62	7.59	7573	93.9112%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37139.74019
5439000	10/5/1988	10	0.29	0.29	1.62	7.59	7573	93.9112%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37139.74019
5439000	8/9/1997	8	0.29	0.29	1.62	7.59	7573	93.9112%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37139.74019
5439000	9/5/1997	9	0.29	0.29	1.62	7.59	7573	93.9112%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37139.74019
5439000	9/27/1997	9	0.29	0.29	1.62	7.59	7573	93.9112%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37139.74019
5439000	9/28/1997	9	0.29	0.29	1.62	7.59	7573	93.9112%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37139.74019
5439000	8/13/2001	8	0.29	0.29	1.62	7.59	7573	93.9112%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37139.74019
5439000	8/30/2001	8	0.29	0.29	1.62	7.59	7573	93.9112%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37139.74019
5439000	9/15/2003	9	0.29	0.29	1.62	7.59	7573	93.9112%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37139.74019
5439000	9/28/2003	9	0.29	0.29	1.62	7.59	7573	93.9112%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37139.74019
5439000	7/14/2005	7	0.29	0.29	1.62	7.59	7573	93.9112%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37139.74019
5439000	9/9/2011	9	0.29	0.29	1.62	7.59	7573	93.9112%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37139.74019
5439000	9/12/2012	9	0.29	0.29	1.62	7.59	7573	93.9112%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37139.74019
5439000	10/21/1933	10	0.28	0.28	1.62	7.57	7587	94.0848%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37060.60465
5439000	9/3/1997	9	0.28	0.28	1.62	7.57	7587	94.0848%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37060.60465
5439000	10/22/1997	10	0.28	0.28	1.62	7.57	7587	94.0848%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37060.60465
5439000	8/21/1999	8	0.28	0.28	1.62	7.57	7587	94.0848%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37060.60465
5439000	8/14/2001	8	0.28	0.28	1.62	7.57	7587	94.0848%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37060.60465
5439000	9/1/2001	9	0.28	0.28	1.62	7.57	7587	94.0848%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37060.60465
5439000	9/15/2002	9	0.28	0.28	1.62	7.57	7587	94.0848%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37060.60465
5439000	9/10/2004	9	0.28	0.28	1.62	7.57	7587	94.0848%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37060.60465
5439000	9/19/2005	9	0.28	0.28	1.62	7.57	7587	94.0848%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37060.60465
5439000	9/12/2011	9	0.28	0.28	1.62	7.57	7587	94.0848%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37060.60465
5439000	10/2/2014	10	0.28	0.28	1.62	7.57	7587	94.0848%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	37060.60465
5439000	7/9/1988	7	0.27	0.27	1.62	7.56	7598	94.2212%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36981.46912
5439000	9/6/1997	9	0.27	0.27	1.62	7.56	7598	94.2212%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36981.46912
5439000	10/10/1997	10	0.27	0.27	1.62	7.56	7598	94.2212%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36981.46912
5439000	9/6/1999	9	0.27	0.27	1.62	7.56	7598	94.2212%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36981.46912
5439000	9/2/2001	9	0.27	0.27	1.62	7.56	7598	94.2212%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36981.46912
5439000	9/21/2004	9	0.27	0.27	1.62	7.56	7598	94.2212%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36981.46912
5439000	10/9/2004	10	0.27	0.27	1.62	7.56	7598	94.2212%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36981.46912
5439000	8/18/1999	8	0.26	0.26	1.62	7.54	7605	94.3080%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36902.33358
5439000	9/1/2003	9	0.26	0.26	1.62	7.54	7605	94.3080%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36902.33358
5439000	7/15/2005	7	0.26	0.26	1.62	7.54	7605	94.3080%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36902.33358
5439000	8/12/2006	8	0.26	0.26	1.62	7.54	7605	94.3080%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36902.33358
5439000	10/8/2010	10	0.26	0.26	1.62	7.54	7605	94.3080%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36902.33358
5439000	8/9/2012	8	0.26	0.26	1.62	7.54	7605	94.3080%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36902.33358
5439000	10/5/2012	10	0.26	0.26	1.62	7.54	7605	94.3080%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36902.33358
5439000	9/23/2013	9	0.26	0.26	1.62	7.54	7605	94.3080%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36902.33358

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/9/2013	10	0.26	0.26	1.62	7.54	7605	94.3080%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36902.33358
5439000	8/5/1997	8	0.25	0.25	1.62	7.52	7614	94.4196%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36823.19805
5439000	10/23/1997	10	0.25	0.25	1.62	7.52	7614	94.4196%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36823.19805
5439000	7/17/2005	7	0.25	0.25	1.62	7.52	7614	94.4196%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36823.19805
5439000	8/25/2005	8	0.25	0.25	1.62	7.52	7614	94.4196%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36823.19805
5439000	9/28/2005	9	0.25	0.25	1.62	7.52	7614	94.4196%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36823.19805
5439000	7/17/2012	7	0.25	0.25	1.62	7.52	7614	94.4196%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36823.19805
5439000	8/8/2012	8	0.25	0.25	1.62	7.52	7614	94.4196%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36823.19805
5439000	9/30/2013	9	0.25	0.25	1.62	7.52	7614	94.4196%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36823.19805
5439000	8/5/1988	8	0.24	0.24	1.62	7.51	7622	94.5188%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36744.06251
5439000	9/8/1997	9	0.24	0.24	1.62	7.51	7622	94.5188%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36744.06251
5439000	9/8/1999	9	0.24	0.24	1.62	7.51	7622	94.5188%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36744.06251
5439000	9/16/1999	9	0.24	0.24	1.62	7.51	7622	94.5188%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36744.06251
5439000	8/13/2003	8	0.24	0.24	1.62	7.51	7622	94.5188%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36744.06251
5439000	8/23/2003	8	0.24	0.24	1.62	7.51	7622	94.5188%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36744.06251
5439000	9/11/2004	9	0.24	0.24	1.62	7.51	7622	94.5188%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36744.06251
5439000	9/13/2004	9	0.24	0.24	1.62	7.51	7622	94.5188%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36744.06251
5439000	8/1/2005	8	0.24	0.24	1.62	7.51	7622	94.5188%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36744.06251
5439000	8/26/2005	8	0.24	0.24	1.62	7.51	7622	94.5188%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36744.06251
5439000	8/20/2006	8	0.24	0.24	1.62	7.51	7622	94.5188%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36744.06251
5439000	10/15/2013	10	0.24	0.24	1.62	7.51	7622	94.5188%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36744.06251
5439000	7/8/1988	7	0.23	0.23	1.62	7.49	7634	94.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36664.92697
5439000	10/10/1988	10	0.23	0.23	1.62	7.49	7634	94.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36664.92697
5439000	8/8/1997	8	0.23	0.23	1.62	7.49	7634	94.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36664.92697
5439000	9/10/1997	9	0.23	0.23	1.62	7.49	7634	94.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36664.92697
5439000	8/22/1999	8	0.23	0.23	1.62	7.49	7634	94.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36664.92697
5439000	10/16/2004	10	0.23	0.23	1.62	7.49	7634	94.6677%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36664.92697
5439000	10/7/1988	10	0.22	0.22	1.62	7.48	7640	94.7421%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36585.79144
5439000	9/9/1997	9	0.22	0.22	1.62	7.48	7640	94.7421%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36585.79144
5439000	9/26/1997	9	0.22	0.22	1.62	7.48	7640	94.7421%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36585.79144
5439000	10/6/1997	10	0.22	0.22	1.62	7.48	7640	94.7421%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36585.79144
5439000	9/15/1999	9	0.22	0.22	1.62	7.48	7640	94.7421%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36585.79144
5439000	10/5/2005	10	0.22	0.22	1.62	7.48	7640	94.7421%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36585.79144
5439000	9/7/1988	9	0.21	0.21	1.62	7.46	7646	94.8165%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36506.6559
5439000	9/9/1988	9	0.21	0.21	1.62	7.46	7646	94.8165%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36506.6559
5439000	9/11/1988	9	0.21	0.21	1.62	7.46	7646	94.8165%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36506.6559
5439000	10/13/1988	10	0.21	0.21	1.62	7.46	7646	94.8165%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36506.6559
5439000	10/31/1988	10	0.21	0.21	1.62	7.46	7646	94.8165%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36506.6559
5439000	9/11/1997	9	0.21	0.21	1.62	7.46	7646	94.8165%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36506.6559
5439000	9/14/1997	9	0.21	0.21	1.62	7.46	7646	94.8165%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36506.6559
5439000	9/7/1999	9	0.21	0.21	1.62	7.46	7646	94.8165%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36506.6559
5439000	10/12/2003	10	0.21	0.21	1.62	7.46	7646	94.8165%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36506.6559
5439000	10/2/2004	10	0.21	0.21	1.62	7.46	7646	94.8165%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36506.6559
5439000	10/8/2012	10	0.21	0.21	1.62	7.46	7646	94.8165%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36506.6559

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/17/1925	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/18/1925	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/20/1925	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/9/1925	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/17/1925	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/18/1925	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/20/1925	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/21/1925	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/22/1925	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/23/1925	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/24/1925	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/25/1925	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/26/1925	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/27/1925	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/6/1925	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/8/1925	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/9/1925	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/10/1925	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/17/1925	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/18/1925	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/21/1925	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/22/1925	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/23/1925	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/27/1925	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/28/1925	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/29/1925	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/22/1927	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/24/1927	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/25/1927	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/26/1927	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/27/1927	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/28/1927	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/29/1927	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/30/1927	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/31/1927	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/1/1927	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/2/1927	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/3/1927	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/4/1927	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/5/1927	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/20/1927	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/13/1929	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/14/1929	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/16/1930	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/31/1931	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/14/1931	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	7/27/1932	7	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	7/28/1932	7	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	7/29/1932	7	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/3/1932	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/4/1932	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/5/1932	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/7/1932	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/9/1932	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/11/1932	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/12/1932	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/16/1932	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/23/1932	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/24/1932	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/26/1932	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	8/30/1932	8	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/4/1932	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/21/1932	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/22/1932	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/23/1932	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/6/1932	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/7/1932	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/9/1932	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/15/1933	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/16/1933	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/17/1933	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/18/1933	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/20/1933	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/21/1933	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/22/1933	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/23/1933	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/24/1933	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/30/1933	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/1/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/2/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/3/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/4/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/5/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/6/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/7/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/8/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/9/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/10/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	10/11/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/12/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/13/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/14/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/15/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/17/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/18/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/19/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/20/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/25/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/27/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/28/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/29/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/30/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/31/1933	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	9/1/1997	9	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/7/1997	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	10/7/2012	10	0.2	0.2	1.62	7.44	7657	94.9529%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36427.52037
5439000	7/23/1988	7	0.19	0.19	1.62	7.43	7763	96.2674%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36348.38483
5439000	10/16/1988	10	0.19	0.19	1.62	7.43	7763	96.2674%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36348.38483
5439000	8/4/1997	8	0.19	0.19	1.62	7.43	7763	96.2674%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36348.38483
5439000	9/12/1997	9	0.19	0.19	1.62	7.43	7763	96.2674%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36348.38483
5439000	9/19/1997	9	0.19	0.19	1.62	7.43	7763	96.2674%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36348.38483
5439000	8/16/2003	8	0.19	0.19	1.62	7.43	7763	96.2674%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36348.38483
5439000	9/22/2003	9	0.19	0.19	1.62	7.43	7763	96.2674%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36348.38483
5439000	7/18/2005	7	0.19	0.19	1.62	7.43	7763	96.2674%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36348.38483
5439000	8/18/2006	8	0.19	0.19	1.62	7.43	7763	96.2674%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36348.38483
5439000	10/6/2012	10	0.19	0.19	1.62	7.43	7763	96.2674%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36348.38483
5439000	9/8/1988	9	0.18	0.18	1.62	7.41	7773	96.3914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36269.24929
5439000	9/14/1988	9	0.18	0.18	1.62	7.41	7773	96.3914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36269.24929
5439000	9/17/1988	9	0.18	0.18	1.62	7.41	7773	96.3914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36269.24929
5439000	10/6/1988	10	0.18	0.18	1.62	7.41	7773	96.3914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36269.24929
5439000	10/8/1988	10	0.18	0.18	1.62	7.41	7773	96.3914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36269.24929
5439000	10/9/1988	10	0.18	0.18	1.62	7.41	7773	96.3914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36269.24929
5439000	10/11/1988	10	0.18	0.18	1.62	7.41	7773	96.3914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36269.24929
5439000	9/13/1997	9	0.18	0.18	1.62	7.41	7773	96.3914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36269.24929
5439000	9/17/1999	9	0.18	0.18	1.62	7.41	7773	96.3914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36269.24929
5439000	9/29/2003	9	0.18	0.18	1.62	7.41	7773	96.3914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36269.24929
5439000	10/17/2004	10	0.18	0.18	1.62	7.41	7773	96.3914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36269.24929
5439000	10/2/2005	10	0.18	0.18	1.62	7.41	7773	96.3914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36269.24929
5439000	8/13/2006	8	0.18	0.18	1.62	7.41	7773	96.3914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36269.24929
5439000	9/24/2013	9	0.18	0.18	1.62	7.41	7773	96.3914%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36269.24929
5439000	7/31/1997	7	0.17	0.17	1.62	7.40	7787	96.5650%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36190.11376
5439000	8/3/1997	8	0.17	0.17	1.62	7.40	7787	96.5650%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36190.11376

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/3/2002	8	0.17	0.17	1.62	7.40	7787	96.5650%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36190.11376
5439000	8/15/2003	8	0.17	0.17	1.62	7.40	7787	96.5650%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36190.11376
5439000	8/17/2003	8	0.17	0.17	1.62	7.40	7787	96.5650%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36190.11376
5439000	9/14/2004	9	0.17	0.17	1.62	7.40	7787	96.5650%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36190.11376
5439000	9/22/2004	9	0.17	0.17	1.62	7.40	7787	96.5650%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36190.11376
5439000	8/30/2008	8	0.17	0.17	1.62	7.40	7787	96.5650%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36190.11376
5439000	9/30/2010	9	0.17	0.17	1.62	7.40	7787	96.5650%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36190.11376
5439000	10/19/2010	10	0.17	0.17	1.62	7.40	7787	96.5650%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36190.11376
5439000	8/5/1931	8	0.16	0.16	1.62	7.38	7797	96.6890%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36110.97822
5439000	8/6/1931	8	0.16	0.16	1.62	7.38	7797	96.6890%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36110.97822
5439000	8/7/1931	8	0.16	0.16	1.62	7.38	7797	96.6890%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36110.97822
5439000	8/17/1931	8	0.16	0.16	1.62	7.38	7797	96.6890%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36110.97822
5439000	8/18/1931	8	0.16	0.16	1.62	7.38	7797	96.6890%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36110.97822
5439000	8/21/1931	8	0.16	0.16	1.62	7.38	7797	96.6890%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36110.97822
5439000	8/22/1931	8	0.16	0.16	1.62	7.38	7797	96.6890%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36110.97822
5439000	9/22/1931	9	0.16	0.16	1.62	7.38	7797	96.6890%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36110.97822
5439000	10/10/1931	10	0.16	0.16	1.62	7.38	7797	96.6890%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36110.97822
5439000	7/24/1988	7	0.16	0.16	1.62	7.38	7797	96.6890%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36110.97822
5439000	9/22/1997	9	0.16	0.16	1.62	7.38	7797	96.6890%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36110.97822
5439000	10/11/1997	10	0.16	0.16	1.62	7.38	7797	96.6890%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36110.97822
5439000	9/18/1999	9	0.16	0.16	1.62	7.38	7797	96.6890%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36110.97822
5439000	8/14/2003	8	0.16	0.16	1.62	7.38	7797	96.6890%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36110.97822
5439000	9/16/2005	9	0.16	0.16	1.62	7.38	7797	96.6890%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36110.97822
5439000	10/10/2013	10	0.16	0.16	1.62	7.38	7797	96.6890%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36110.97822
5439000	8/1/1997	8	0.15	0.15	1.62	7.36	7813	96.8874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36031.84269
5439000	9/21/1997	9	0.15	0.15	1.62	7.36	7813	96.8874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36031.84269
5439000	9/25/1997	9	0.15	0.15	1.62	7.36	7813	96.8874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36031.84269
5439000	9/28/2004	9	0.15	0.15	1.62	7.36	7813	96.8874%	Fecal	180	cfu/100ml	200	283.2	32428.65842	36031.84269
5439000	10/15/2004	10	0.15	0.15	1.62	7.36	7813	96.8874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36031.84269
5439000	8/29/2013	8	0.15	0.15	1.62	7.36	7813	96.8874%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	36031.84269
5439000	7/17/1988	7	0.14	0.14	1.62	7.35	7819	96.9618%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35952.70715
5439000	8/2/1997	8	0.14	0.14	1.62	7.35	7819	96.9618%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35952.70715
5439000	9/20/1997	9	0.14	0.14	1.62	7.35	7819	96.9618%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35952.70715
5439000	9/22/1999	9	0.14	0.14	1.62	7.35	7819	96.9618%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35952.70715
5439000	9/3/2003	9	0.14	0.14	1.62	7.35	7819	96.9618%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35952.70715
5439000	9/30/2003	9	0.14	0.14	1.62	7.35	7819	96.9618%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35952.70715
5439000	9/21/2005	9	0.14	0.14	1.62	7.35	7819	96.9618%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35952.70715
5439000	10/23/2005	10	0.14	0.14	1.62	7.35	7819	96.9618%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35952.70715
5439000	10/14/2010	10	0.14	0.14	1.62	7.35	7819	96.9618%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35952.70715
5439000	9/15/1931	9	0.13	0.13	1.62	7.33	7828	97.0734%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35873.57161
5439000	9/19/1931	9	0.13	0.13	1.62	7.33	7828	97.0734%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35873.57161
5439000	9/20/1931	9	0.13	0.13	1.62	7.33	7828	97.0734%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35873.57161
5439000	9/23/1931	9	0.13	0.13	1.62	7.33	7828	97.0734%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35873.57161
5439000	9/26/1931	9	0.13	0.13	1.62	7.33	7828	97.0734%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35873.57161

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/19/1992	8	0.13	0.13	1.62	7.33	7828	97.0734%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35873.57161
5439000	9/9/1999	9	0.13	0.13	1.62	7.33	7828	97.0734%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35873.57161
5439000	8/29/1988	8	0.12	0.12	1.62	7.31	7835	97.1602%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35794.43608
5439000	10/4/2004	10	0.12	0.12	1.62	7.31	7835	97.1602%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35794.43608
5439000	10/18/2004	10	0.12	0.12	1.62	7.31	7835	97.1602%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35794.43608
5439000	10/1/2010	10	0.12	0.12	1.62	7.31	7835	97.1602%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35794.43608
5439000	10/11/2010	10	0.12	0.12	1.62	7.31	7835	97.1602%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35794.43608
5439000	10/18/2010	10	0.12	0.12	1.62	7.31	7835	97.1602%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35794.43608
5439000	9/10/2013	9	0.12	0.12	1.62	7.31	7835	97.1602%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35794.43608
5439000	10/11/2013	10	0.12	0.12	1.62	7.31	7835	97.1602%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35794.43608
5439000	9/25/1988	9	0.11	0.11	1.62	7.30	7843	97.2594%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35715.30054
5439000	10/30/1988	10	0.11	0.11	1.62	7.30	7843	97.2594%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35715.30054
5439000	10/12/1997	10	0.11	0.11	1.62	7.30	7843	97.2594%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35715.30054
5439000	8/21/2003	8	0.11	0.11	1.62	7.30	7843	97.2594%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35715.30054
5439000	9/16/2003	9	0.11	0.11	1.62	7.30	7843	97.2594%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35715.30054
5439000	9/23/2004	9	0.11	0.11	1.62	7.30	7843	97.2594%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35715.30054
5439000	9/29/2004	9	0.11	0.11	1.62	7.30	7843	97.2594%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35715.30054
5439000	10/3/2004	10	0.11	0.11	1.62	7.30	7843	97.2594%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35715.30054
5439000	8/2/2005	8	0.11	0.11	1.62	7.30	7843	97.2594%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35715.30054
5439000	8/27/2005	8	0.11	0.11	1.62	7.30	7843	97.2594%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35715.30054
5439000	10/5/2010	10	0.11	0.11	1.62	7.30	7843	97.2594%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35715.30054
5439000	9/27/2013	9	0.11	0.11	1.62	7.30	7843	97.2594%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35715.30054
5439000	9/28/1925	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/29/1925	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	10/3/1925	10	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	10/4/1925	10	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	10/5/1925	10	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	10/11/1925	10	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	10/12/1925	10	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	10/13/1925	10	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	10/14/1925	10	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	10/15/1925	10	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	10/16/1925	10	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	10/19/1925	10	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	10/20/1925	10	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/15/1929	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	8/7/1930	8	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	8/24/1930	8	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/17/1930	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	8/23/1931	8	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/5/1931	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/17/1931	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	8/1/1932	8	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	8/6/1932	8	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/8/1932	8	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	8/10/1932	8	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	8/17/1932	8	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	8/18/1932	8	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	8/19/1932	8	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	8/20/1932	8	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	8/21/1932	8	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	8/22/1932	8	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	8/25/1932	8	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/5/1932	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/6/1932	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/7/1932	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/8/1932	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/9/1932	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/24/1932	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/25/1932	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/26/1932	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/27/1932	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/29/1932	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	10/3/1932	10	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	10/8/1932	10	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	8/1/1988	8	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/13/1988	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	10/12/1988	10	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/29/1995	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	8/24/2003	8	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	10/3/2003	10	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	10/13/2003	10	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	10/5/2004	10	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	8/31/2006	8	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/22/2011	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	8/10/2012	8	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/12/2013	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/25/2013	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/26/2013	9	0.1	0.1	1.62	7.28	7855	97.4082%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35636.16501
5439000	9/10/1932	9	0.09	0.09	1.62	7.27	7912	98.1151%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35557.02947
5439000	9/11/1932	9	0.09	0.09	1.62	7.27	7912	98.1151%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35557.02947
5439000	9/28/1932	9	0.09	0.09	1.62	7.27	7912	98.1151%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35557.02947
5439000	9/30/1932	9	0.09	0.09	1.62	7.27	7912	98.1151%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35557.02947
5439000	7/12/1988	7	0.09	0.09	1.62	7.27	7912	98.1151%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35557.02947
5439000	8/18/2003	8	0.09	0.09	1.62	7.27	7912	98.1151%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35557.02947
5439000	8/20/2003	8	0.09	0.09	1.62	7.27	7912	98.1151%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35557.02947
5439000	10/1/2003	10	0.09	0.09	1.62	7.27	7912	98.1151%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35557.02947
5439000	8/31/2008	8	0.09	0.09	1.62	7.27	7912	98.1151%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35557.02947

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/28/2013	9	0.09	0.09	1.62	7.27	7912	98.1151%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35557.02947
5439000	8/25/1930	8	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	8/24/1931	8	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	8/25/1931	8	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	9/18/1931	9	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	9/21/1931	9	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	9/24/1931	9	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	7/30/1932	7	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	10/1/1932	10	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	10/2/1932	10	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	7/13/1988	7	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	9/15/1988	9	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	9/30/1988	9	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	9/20/1994	9	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	8/19/2003	8	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	8/31/2003	8	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	10/4/2003	10	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	10/19/2004	10	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	7/19/2005	7	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	9/29/2005	9	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	10/9/2010	10	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	10/16/2010	10	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	10/22/2010	10	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	8/22/2012	8	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	8/29/2012	8	0.08	0.08	1.62	7.25	7922	98.2391%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35477.89393
5439000	10/8/1931	10	0.07	0.07	1.62	7.23	7946	98.5367%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35398.7584
5439000	7/14/1988	7	0.07	0.07	1.62	7.23	7946	98.5367%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35398.7584
5439000	9/10/1999	9	0.07	0.07	1.62	7.23	7946	98.5367%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35398.7584
5439000	10/5/2003	10	0.07	0.07	1.62	7.23	7946	98.5367%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35398.7584
5439000	9/27/2004	9	0.07	0.07	1.62	7.23	7946	98.5367%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35398.7584
5439000	9/3/2006	9	0.07	0.07	1.62	7.23	7946	98.5367%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35398.7584
5439000	8/27/2008	8	0.07	0.07	1.62	7.23	7946	98.5367%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35398.7584
5439000	10/6/2010	10	0.07	0.07	1.62	7.23	7946	98.5367%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35398.7584
5439000	9/11/2013	9	0.07	0.07	1.62	7.23	7946	98.5367%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35398.7584
5439000	9/13/2013	9	0.07	0.07	1.62	7.23	7946	98.5367%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35398.7584
5439000	10/1/2013	10	0.07	0.07	1.62	7.23	7946	98.5367%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35398.7584
5439000	7/29/1930	7	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	8/26/1930	8	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	9/18/1930	9	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	9/19/1930	9	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	9/20/1930	9	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	9/7/1931	9	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	9/16/1931	9	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	9/27/1931	9	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	7/31/1932	7	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	9/1/1988	9	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	9/28/1988	9	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	9/29/1988	9	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	9/24/2003	9	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	10/6/2003	10	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	9/24/2004	9	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	9/30/2004	9	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	10/6/2004	10	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	9/17/2005	9	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	9/30/2005	9	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	9/15/2011	9	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	8/20/2013	8	0.06	0.06	1.62	7.22	7957	98.6731%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35319.62286
5439000	8/27/1930	8	0.05	0.05	1.62	7.20	7978	98.9335%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35240.48733
5439000	9/21/1930	9	0.05	0.05	1.62	7.20	7978	98.9335%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35240.48733
5439000	9/22/1930	9	0.05	0.05	1.62	7.20	7978	98.9335%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35240.48733
5439000	9/28/1931	9	0.05	0.05	1.62	7.20	7978	98.9335%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35240.48733
5439000	10/9/1931	10	0.05	0.05	1.62	7.20	7978	98.9335%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35240.48733
5439000	8/6/1988	8	0.05	0.05	1.62	7.20	7978	98.9335%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35240.48733
5439000	9/16/2002	9	0.05	0.05	1.62	7.20	7978	98.9335%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35240.48733
5439000	8/28/2003	8	0.05	0.05	1.62	7.20	7978	98.9335%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35240.48733
5439000	10/11/2003	10	0.05	0.05	1.62	7.20	7978	98.9335%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35240.48733
5439000	8/3/2005	8	0.05	0.05	1.62	7.20	7978	98.9335%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35240.48733
5439000	9/15/2005	9	0.05	0.05	1.62	7.20	7978	98.9335%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35240.48733
5439000	8/21/2006	8	0.05	0.05	1.62	7.20	7978	98.9335%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35240.48733
5439000	9/14/2013	9	0.05	0.05	1.62	7.20	7978	98.9335%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35240.48733
5439000	10/2/2013	10	0.05	0.05	1.62	7.20	7978	98.9335%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35240.48733
5439000	8/28/1930	8	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179
5439000	8/29/1930	8	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179
5439000	9/24/1930	9	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179
5439000	9/25/1930	9	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179
5439000	9/29/1931	9	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179
5439000	9/30/1931	9	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179
5439000	10/1/1931	10	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179
5439000	10/2/1931	10	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179
5439000	7/15/1988	7	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179
5439000	9/21/1994	9	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179
5439000	9/4/2003	9	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179
5439000	8/10/2005	8	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179
5439000	9/22/2005	9	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179
5439000	8/14/2006	8	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179
5439000	10/7/2010	10	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179
5439000	9/13/2011	9	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179
5439000	8/30/2012	8	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/3/2012	9	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179
5439000	8/21/2013	8	0.04	0.04	1.62	7.19	7992	99.1071%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35161.35179
5439000	8/30/1930	8	0.03	0.03	1.62	7.17	8011	99.3428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35082.21625
5439000	9/23/1930	9	0.03	0.03	1.62	7.17	8011	99.3428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35082.21625
5439000	10/3/1931	10	0.03	0.03	1.62	7.17	8011	99.3428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35082.21625
5439000	9/23/1999	9	0.03	0.03	1.62	7.17	8011	99.3428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35082.21625
5439000	9/26/1999	9	0.03	0.03	1.62	7.17	8011	99.3428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35082.21625
5439000	9/17/2002	9	0.03	0.03	1.62	7.17	8011	99.3428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35082.21625
5439000	10/2/2003	10	0.03	0.03	1.62	7.17	8011	99.3428%	Fecal	147	cfu/100ml	200	283.2	25785.42895	35082.21625
5439000	10/10/2004	10	0.03	0.03	1.62	7.17	8011	99.3428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35082.21625
5439000	10/20/2004	10	0.03	0.03	1.62	7.17	8011	99.3428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35082.21625
5439000	10/21/2004	10	0.03	0.03	1.62	7.17	8011	99.3428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35082.21625
5439000	10/1/2005	10	0.03	0.03	1.62	7.17	8011	99.3428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35082.21625
5439000	10/13/2010	10	0.03	0.03	1.62	7.17	8011	99.3428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35082.21625
5439000	10/21/2010	10	0.03	0.03	1.62	7.17	8011	99.3428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35082.21625
5439000	8/31/2012	8	0.03	0.03	1.62	7.17	8011	99.3428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35082.21625
5439000	9/2/2012	9	0.03	0.03	1.62	7.17	8011	99.3428%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35082.21625
5439000	7/30/1930	7	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	8/1/1930	8	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	8/2/1930	8	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	9/2/1988	9	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	9/26/1988	9	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	8/29/2003	8	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	9/17/2003	9	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	8/4/2005	8	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	8/5/2005	8	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	8/6/2005	8	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	8/7/2005	8	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	8/8/2005	8	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	8/9/2005	8	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	9/14/2005	9	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	10/6/2005	10	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	10/10/2010	10	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	9/14/2011	9	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	8/11/2012	8	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	8/12/2012	8	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	8/23/2012	8	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	8/24/2012	8	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	8/25/2012	8	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	9/1/2012	9	0.02	0.02	1.62	7.15	8026	99.5288%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	35003.08072
5439000	7/31/1930	7	0.01	0.01	1.62	7.14	8049	99.8140%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34923.94518
5439000	10/4/1931	10	0.01	0.01	1.62	7.14	8049	99.8140%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34923.94518
5439000	10/5/1931	10	0.01	0.01	1.62	7.14	8049	99.8140%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34923.94518
5439000	10/6/1931	10	0.01	0.01	1.62	7.14	8049	99.8140%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34923.94518

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/27/1988	9	0.01	0.01	1.62	7.14	8049	99.8140%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34923.94518
5439000	9/25/1999	9	0.01	0.01	1.62	7.14	8049	99.8140%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34923.94518
5439000	8/25/2003	8	0.01	0.01	1.62	7.14	8049	99.8140%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34923.94518
5439000	9/21/2003	9	0.01	0.01	1.62	7.14	8049	99.8140%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34923.94518
5439000	10/7/2003	10	0.01	0.01	1.62	7.14	8049	99.8140%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34923.94518
5439000	10/7/2004	10	0.01	0.01	1.62	7.14	8049	99.8140%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34923.94518
5439000	8/26/2008	8	0.01	0.01	1.62	7.14	8049	99.8140%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34923.94518
5439000	10/15/2010	10	0.01	0.01	1.62	7.14	8049	99.8140%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34923.94518
5439000	10/20/2010	10	0.01	0.01	1.62	7.14	8049	99.8140%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34923.94518
5439000	9/16/2011	9	0.01	0.01	1.62	7.14	8049	99.8140%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34923.94518
5439000	9/23/2011	9	0.01	0.01	1.62	7.14	8049	99.8140%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34923.94518
5439000	8/7/1988	8	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/20/1988	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/21/1988	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	8/24/1991	8	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/11/1999	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/24/1999	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	8/26/2003	8	0	0	1.62	7.12	8064	100.0000%	Fecal	67	cfu/100ml	200	283.2	11673.01123	34844.80965
5439000	8/27/2003	8	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	8/30/2003	8	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/5/2003	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/6/2003	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/7/2003	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/8/2003	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/9/2003	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/10/2003	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/11/2003	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/18/2003	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/19/2003	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/20/2003	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/23/2003	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/25/2003	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/8/2003	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/9/2003	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/10/2003	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/25/2004	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/26/2004	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/11/2004	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/12/2004	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/13/2004	10	0	0	1.62	7.12	8064	100.0000%	Fecal	80	cfu/100ml	200	283.2	13937.92386	34844.80965
5439000	8/28/2005	8	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	8/29/2005	8	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	8/30/2005	8	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	8/31/2005	8	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	9/1/2005	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/2/2005	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/3/2005	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/4/2005	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/5/2005	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/6/2005	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/7/2005	9	0	0	1.62	7.12	8064	100.0000%	Fecal	187	cfu/100ml	200	283.2	32579.89702	34844.80965
5439000	9/8/2005	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/9/2005	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/10/2005	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/11/2005	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/12/2005	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/13/2005	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/18/2005	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/23/2005	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/7/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/8/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/9/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/10/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/11/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/12/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/13/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/14/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/15/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/16/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/17/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/18/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/19/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/20/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/21/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/22/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/24/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/25/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/26/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	90	cfu/100ml	200	283.2	15680.16434	34844.80965
5439000	10/27/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/28/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/29/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/30/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	10/31/2005	10	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	8/15/2006	8	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	8/16/2006	8	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	8/17/2006	8	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	8/22/2006	8	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	8/23/2006	8	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965

Fecal Coliform Load Duration Curve Calculations
(DR-01)

Appendix D

Little Vermilion River Watershed

Gage ID	Date	Month	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit or Standard	100mL/CF	Actual Load (million colonies/day)	Allowable Load (million colonies/day)
5439000	8/24/2006	8	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	8/25/2006	8	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	8/26/2006	8	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	8/27/2006	8	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/1/2006	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/2/2006	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	8/25/2008	8	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/1/2008	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/2/2008	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/3/2008	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/17/2011	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/24/2011	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965
5439000	9/25/2011	9	0	0	1.62	7.12	8064	100.0000%	Fecal	--	cfu/100ml	200	283.2	#VALUE!	34844.80965

Little Vermilion River (DR-01)
Total Suspended Solids

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/24/2007	2890	2890	1.62	4681.44	1	0.0062%	TSS	--	0.289	28.3	#VALUE!	7293.103088
5439000	7/3/1983	2520	2520	1.62	4083.12	2	0.0125%	TSS	--	0.289	28.3	#VALUE!	6360.989327
5439000	7/2/1983	2510	2510	1.62	4066.95	3	0.0187%	TSS	--	0.289	28.3	#VALUE!	6335.797063
5439000	8/25/2007	2440	2440	1.62	3953.75	4	0.0250%	TSS	--	0.289	28.3	#VALUE!	6159.451216
5439000	7/18/1996	1980	1980	1.62	3209.89	5	0.0312%	TSS	--	0.289	28.3	#VALUE!	5000.60708
5439000	9/14/2008	1830	1830	1.62	2967.33	6	0.0374%	TSS	--	0.289	28.3	#VALUE!	4622.723123
5439000	9/15/2008	1820	1820	1.62	2951.15	7	0.0437%	TSS	--	0.289	28.3	#VALUE!	4597.530859
5439000	7/19/1996	1680	1680	1.62	2724.76	8	0.0499%	TSS	--	0.289	28.3	#VALUE!	4244.839166
5439000	8/26/2007	1620	1620	1.62	2627.74	9	0.0561%	TSS	--	0.289	28.3	#VALUE!	4093.685583
5439000	2/21/1997	1580	1580	1.62	2563.05	10	0.0624%	TSS	--	0.289	28.3	#VALUE!	3992.916528
5439000	4/18/2013	1550	1550	1.62	2514.54	11	0.0686%	TSS	--	0.289	28.3	#VALUE!	3917.339736
5439000	8/27/1987	1520	1520	1.62	2466.03	12	0.0749%	TSS	--	0.289	28.3	#VALUE!	3841.762945
5439000	2/22/1997	1490	1490	1.62	2417.51	13	0.0811%	TSS	--	0.289	28.3	#VALUE!	3766.186153
5439000	4/19/2013	1430	1430	1.62	2320.49	14	0.0873%	TSS	--	0.289	28.3	#VALUE!	3615.03257
5439000	9/9/1980	1380	1380	1.62	2239.63	15	0.0936%	TSS	--	0.289	28.3	#VALUE!	3489.071251
5439000	7/4/1983	1280	1280	1.62	2077.93	16	0.0998%	TSS	--	0.289	28.3	#VALUE!	3237.148613
5439000	6/16/2015	1250	1250	1.62	2029.41	17	0.1060%	TSS	--	0.289	28.3	#VALUE!	3161.571821
5439000	8/28/1987	1240	1240	1.62	2013.24	18	0.1123%	TSS	--	0.289	28.3	#VALUE!	3136.379558
5439000	9/16/2008	1220	1220	1.62	1980.90	19	0.1185%	TSS	--	0.289	28.3	#VALUE!	3085.99503
5439000	3/24/1993	1210	1210	1.62	1964.73	20	0.1248%	TSS	--	0.289	28.3	#VALUE!	3060.802766
5439000	7/20/1996	1190	1190	1.62	1932.39	21	0.1310%	TSS	--	0.289	28.3	#VALUE!	3010.418238
5439000	2/20/1994	1180	1180	1.62	1916.22	22	0.1372%	TSS	--	0.289	28.3	#VALUE!	2985.225975
5439000	3/9/2009	1170	1170	1.62	1900.05	23	0.1435%	TSS	--	0.289	28.3	#VALUE!	2960.033711
5439000	8/6/1996	1130	1130	1.62	1835.36	24	0.1497%	TSS	--	0.289	28.3	#VALUE!	2859.264655
5439000	5/31/2004	1130	1130	1.62	1835.36	24	0.1497%	TSS	--	0.289	28.3	#VALUE!	2859.264655
5439000	5/30/2011	1120	1120	1.62	1819.19	26	0.1622%	TSS	--	0.289	28.3	#VALUE!	2834.072392
5439000	5/26/1991	1120	1120	1.62	1819.19	26	0.1622%	TSS	--	0.289	28.3	#VALUE!	2834.072392
5439000	3/3/2008	1120	1120	1.62	1819.19	26	0.1622%	TSS	--	0.289	28.3	#VALUE!	2834.072392
5439000	9/8/1980	1100	1100	1.62	1786.85	29	0.1809%	TSS	--	0.289	28.3	#VALUE!	2783.687864
5439000	5/29/1996	1100	1100	1.62	1786.85	29	0.1809%	TSS	--	0.289	28.3	#VALUE!	2783.687864
5439000	8/23/2007	1050	1050	1.62	1705.99	31	0.1934%	TSS	--	0.289	28.3	#VALUE!	2657.726545
5439000	9/10/1980	1040	1040	1.62	1689.82	32	0.1996%	TSS	--	0.289	28.3	#VALUE!	2632.534281

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/5/2002	1040	1040	1.62	1689.82	32	0.1996%	TSS	0.69	0.289	28.3	6285.28946	2632.534281
5439000	6/17/2015	1030	1030	1.62	1673.65	34	0.2121%	TSS	--	0.289	28.3	#VALUE!	2607.342017
5439000	8/27/2007	1010	1010	1.62	1641.31	35	0.2183%	TSS	--	0.289	28.3	#VALUE!	2556.95749
5439000	8/17/1987	1010	1010	1.62	1641.31	35	0.2183%	TSS	--	0.289	28.3	#VALUE!	2556.95749
5439000	2/25/2001	992	992	1.62	1612.20	37	0.2308%	TSS	--	0.289	28.3	#VALUE!	2511.611415
5439000	2/23/1997	968	968	1.62	1573.39	38	0.2370%	TSS	--	0.289	28.3	#VALUE!	2451.149982
5439000	3/11/2013	956	956	1.62	1553.99	39	0.2433%	TSS	--	0.289	28.3	#VALUE!	2420.919265
5439000	8/15/1987	949	949	1.62	1542.67	40	0.2495%	TSS	--	0.289	28.3	#VALUE!	2403.28468
5439000	4/3/1983	944	944	1.62	1534.58	41	0.2558%	TSS	--	0.289	28.3	#VALUE!	2390.688548
5439000	12/3/1982	939	939	1.62	1526.50	42	0.2620%	TSS	--	0.289	28.3	#VALUE!	2378.092416
5439000	6/14/1981	937	937	1.62	1523.26	43	0.2682%	TSS	--	0.289	28.3	#VALUE!	2373.053964
5439000	12/28/2008	932	932	1.62	1515.18	44	0.2745%	TSS	--	0.289	28.3	#VALUE!	2360.457832
5439000	9/13/2008	930	930	1.62	1511.94	45	0.2807%	TSS	--	0.289	28.3	#VALUE!	2355.419379
5439000	6/12/1929	924	924	1.62	1502.24	46	0.2869%	TSS	--	0.289	28.3	#VALUE!	2340.304021
5439000	6/1/2004	921	921	1.62	1497.39	47	0.2932%	TSS	--	0.289	28.3	#VALUE!	2332.746342
5439000	7/19/1993	921	921	1.62	1497.39	47	0.2932%	TSS	--	0.289	28.3	#VALUE!	2332.746342
5439000	3/5/1985	920	920	1.62	1495.77	49	0.3057%	TSS	--	0.289	28.3	#VALUE!	2330.227115
5439000	8/18/1987	915	915	1.62	1487.69	50	0.3119%	TSS	--	0.289	28.3	#VALUE!	2317.630983
5439000	5/14/2010	901	901	1.62	1465.05	51	0.3181%	TSS	--	0.289	28.3	#VALUE!	2282.361814
5439000	8/26/1987	899	899	1.62	1461.81	52	0.3244%	TSS	--	0.289	28.3	#VALUE!	2277.323361
5439000	3/8/2009	899	899	1.62	1461.81	52	0.3244%	TSS	--	0.289	28.3	#VALUE!	2277.323361
5439000	5/22/1983	896	896	1.62	1456.96	54	0.3368%	TSS	--	0.289	28.3	#VALUE!	2269.765682
5439000	5/13/2010	873	873	1.62	1419.77	55	0.3431%	TSS	--	0.289	28.3	#VALUE!	2211.823475
5439000	12/4/1982	859	859	1.62	1397.13	56	0.3493%	TSS	--	0.289	28.3	#VALUE!	2176.554306
5439000	8/29/1987	859	859	1.62	1397.13	56	0.3493%	TSS	--	0.289	28.3	#VALUE!	2176.554306
5439000	6/14/1999	849	849	1.62	1380.96	58	0.3618%	TSS	--	0.289	28.3	#VALUE!	2151.362042
5439000	6/18/2015	847	847	1.62	1377.73	59	0.3680%	TSS	--	0.289	28.3	#VALUE!	2146.323589
5439000	4/20/2013	846	846	1.62	1376.11	60	0.3743%	TSS	--	0.289	28.3	#VALUE!	2143.804363
5439000	3/23/1993	845	845	1.62	1374.49	61	0.3805%	TSS	--	0.289	28.3	#VALUE!	2141.285136
5439000	3/12/2013	843	843	1.62	1371.26	62	0.3868%	TSS	--	0.289	28.3	#VALUE!	2136.246684
5439000	9/17/2008	836	836	1.62	1359.94	63	0.3930%	TSS	--	0.289	28.3	#VALUE!	2118.612099
5439000	5/18/1986	831	831	1.62	1351.85	64	0.3992%	TSS	--	0.289	28.3	#VALUE!	2106.015967

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/25/1994	825	825	1.62	1342.15	65	0.4055%	TSS	--	0.289	28.3	#VALUE!	2090.900609
5439000	3/4/1993	824	824	1.62	1340.53	66	0.4117%	TSS	--	0.289	28.3	#VALUE!	2088.381382
5439000	5/27/1991	820	820	1.62	1334.06	67	0.4179%	TSS	--	0.289	28.3	#VALUE!	2078.304477
5439000	3/10/2009	819	819	1.62	1332.45	68	0.4242%	TSS	--	0.289	28.3	#VALUE!	2075.785251
5439000	5/22/2004	811	811	1.62	1319.51	69	0.4304%	TSS	--	0.289	28.3	#VALUE!	2055.631439
5439000	5/25/1927	805	805	1.62	1309.81	70	0.4367%	TSS	--	0.289	28.3	#VALUE!	2040.516081
5439000	6/9/1993	803	803	1.62	1306.57	71	0.4429%	TSS	--	0.289	28.3	#VALUE!	2035.477628
5439000	5/14/2011	798	798	1.62	1298.49	72	0.4491%	TSS	--	0.289	28.3	#VALUE!	2022.881497
5439000	2/27/2009	791	791	1.62	1287.17	73	0.4554%	TSS	--	0.289	28.3	#VALUE!	2005.246912
5439000	3/12/2014	790	790	1.62	1285.55	74	0.4616%	TSS	--	0.289	28.3	#VALUE!	2002.727685
5439000	4/16/1993	788	788	1.62	1282.32	75	0.4678%	TSS	--	0.289	28.3	#VALUE!	1997.689233
5439000	8/16/1987	772	772	1.62	1256.44	76	0.4741%	TSS	--	0.289	28.3	#VALUE!	1957.381611
5439000	2/10/2001	766	766	1.62	1246.74	77	0.4803%	TSS	--	0.289	28.3	#VALUE!	1942.266252
5439000	6/13/1929	765	765	1.62	1245.12	78	0.4866%	TSS	--	0.289	28.3	#VALUE!	1939.747026
5439000	2/14/1984	761	761	1.62	1238.66	79	0.4928%	TSS	--	0.289	28.3	#VALUE!	1929.67012
5439000	5/30/1996	760	760	1.62	1237.04	80	0.4990%	TSS	--	0.289	28.3	#VALUE!	1927.150894
5439000	5/24/1927	756	756	1.62	1230.57	81	0.5053%	TSS	--	0.289	28.3	#VALUE!	1917.073988
5439000	3/11/2014	756	756	1.62	1230.57	81	0.5053%	TSS	--	0.289	28.3	#VALUE!	1917.073988
5439000	12/29/2008	754	754	1.62	1227.34	83	0.5177%	TSS	--	0.289	28.3	#VALUE!	1912.035536
5439000	3/1/1997	753	753	1.62	1225.72	84	0.5240%	TSS	--	0.289	28.3	#VALUE!	1909.516309
5439000	8/7/1996	751	751	1.62	1222.48	85	0.5302%	TSS	--	0.289	28.3	#VALUE!	1904.477857
5439000	2/19/1994	750	750	1.62	1220.87	86	0.5365%	TSS	--	0.289	28.3	#VALUE!	1901.95863
5439000	7/5/1983	743	743	1.62	1209.55	87	0.5427%	TSS	--	0.289	28.3	#VALUE!	1884.324045
5439000	4/23/1999	741	741	1.62	1206.31	88	0.5489%	TSS	--	0.289	28.3	#VALUE!	1879.285593
5439000	2/5/1991	740	740	1.62	1204.70	89	0.5552%	TSS	--	0.289	28.3	#VALUE!	1876.766366
5439000	6/10/2011	739	739	1.62	1203.08	90	0.5614%	TSS	--	0.289	28.3	#VALUE!	1874.24714
5439000	6/13/2000	736	736	1.62	1198.23	91	0.5677%	TSS	--	0.289	28.3	#VALUE!	1866.689461
5439000	8/14/1987	736	736	1.62	1198.23	91	0.5677%	TSS	--	0.289	28.3	#VALUE!	1866.689461
5439000	6/6/2002	732	732	1.62	1191.76	93	0.5801%	TSS	--	0.289	28.3	#VALUE!	1856.612555
5439000	5/23/1983	727	727	1.62	1183.67	94	0.5864%	TSS	--	0.289	28.3	#VALUE!	1844.016423
5439000	2/21/1994	726	726	1.62	1182.06	95	0.5926%	TSS	--	0.289	28.3	#VALUE!	1841.497197
5439000	1/23/1999	721	721	1.62	1173.97	96	0.5988%	TSS	--	0.289	28.3	#VALUE!	1828.901065

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/11/2003	714	714	1.62	1162.65	97	0.6051%	TSS	--	0.289	28.3	#VALUE!	1811.26648
5439000	5/8/1998	713	713	1.62	1161.03	98	0.6113%	TSS	--	0.289	28.3	#VALUE!	1808.747254
5439000	5/23/2004	710	710	1.62	1156.18	99	0.6176%	TSS	--	0.289	28.3	#VALUE!	1801.189575
5439000	7/21/1996	705	705	1.62	1148.10	100	0.6238%	TSS	--	0.289	28.3	#VALUE!	1788.593443
5439000	5/19/1986	704	704	1.62	1146.48	101	0.6300%	TSS	--	0.289	28.3	#VALUE!	1786.074217
5439000	6/13/1999	704	704	1.62	1146.48	101	0.6300%	TSS	--	0.289	28.3	#VALUE!	1786.074217
5439000	6/15/2015	704	704	1.62	1146.48	101	0.6300%	TSS	--	0.289	28.3	#VALUE!	1786.074217
5439000	3/25/1993	702	702	1.62	1143.25	104	0.6487%	TSS	--	0.289	28.3	#VALUE!	1781.035764
5439000	6/24/1994	701	701	1.62	1141.63	105	0.6550%	TSS	--	0.289	28.3	#VALUE!	1778.516537
5439000	5/31/2011	701	701	1.62	1141.63	105	0.6550%	TSS	--	0.289	28.3	#VALUE!	1778.516537
5439000	6/14/2000	700	700	1.62	1140.01	107	0.6675%	TSS	--	0.289	28.3	#VALUE!	1775.997311
5439000	5/21/2004	698	698	1.62	1136.78	108	0.6737%	TSS	--	0.289	28.3	#VALUE!	1770.958858
5439000	5/24/1995	697	697	1.62	1135.16	109	0.6799%	TSS	--	0.289	28.3	#VALUE!	1768.439632
5439000	9/11/1980	691	691	1.62	1125.46	110	0.6862%	TSS	--	0.289	28.3	#VALUE!	1753.324274
5439000	4/11/2008	684	684	1.62	1114.14	111	0.6924%	TSS	--	0.289	28.3	#VALUE!	1735.689689
5439000	8/7/2007	684	684	1.62	1114.14	111	0.6924%	TSS	--	0.289	28.3	#VALUE!	1735.689689
5439000	6/4/2002	683	683	1.62	1112.52	113	0.7049%	TSS	--	0.289	28.3	#VALUE!	1733.170463
5439000	5/28/1996	678	678	1.62	1104.44	114	0.7111%	TSS	--	0.289	28.3	#VALUE!	1720.574331
5439000	5/21/1987	671	671	1.62	1093.12	115	0.7174%	TSS	--	0.289	28.3	#VALUE!	1702.939746
5439000	12/5/1982	670	670	1.62	1091.50	116	0.7236%	TSS	--	0.289	28.3	#VALUE!	1700.42052
5439000	3/4/1985	670	670	1.62	1091.50	116	0.7236%	TSS	--	0.289	28.3	#VALUE!	1700.42052
5439000	7/9/1986	669	669	1.62	1089.88	118	0.7361%	TSS	--	0.289	28.3	#VALUE!	1697.901293
5439000	6/12/2000	669	669	1.62	1089.88	118	0.7361%	TSS	--	0.289	28.3	#VALUE!	1697.901293
5439000	12/26/2009	668	668	1.62	1088.27	120	0.7485%	TSS	--	0.289	28.3	#VALUE!	1695.382067
5439000	3/4/2008	666	666	1.62	1085.03	121	0.7548%	TSS	--	0.289	28.3	#VALUE!	1690.343614
5439000	7/1/2014	666	666	1.62	1085.03	121	0.7548%	TSS	--	0.289	28.3	#VALUE!	1690.343614
5439000	11/18/1928	663	663	1.62	1080.18	123	0.7673%	TSS	--	0.289	28.3	#VALUE!	1682.785935
5439000	1/31/1988	661	661	1.62	1076.95	124	0.7735%	TSS	--	0.289	28.3	#VALUE!	1677.747482
5439000	4/1/1993	657	657	1.62	1070.48	125	0.7797%	TSS	--	0.289	28.3	#VALUE!	1667.670577
5439000	6/13/1981	652	652	1.62	1062.39	126	0.7860%	TSS	--	0.289	28.3	#VALUE!	1655.074445
5439000	8/8/2007	652	652	1.62	1062.39	126	0.7860%	TSS	--	0.289	28.3	#VALUE!	1655.074445
5439000	4/2/1983	649	649	1.62	1057.54	128	0.7985%	TSS	--	0.289	28.3	#VALUE!	1647.516766

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/20/1985	649	649	1.62	1057.54	128	0.7985%	TSS	--	0.289	28.3	#VALUE!	1647.516766
5439000	6/15/1981	647	647	1.62	1054.31	130	0.8109%	TSS	--	0.289	28.3	#VALUE!	1642.478313
5439000	7/30/1989	644	644	1.62	1049.46	131	0.8172%	TSS	--	0.289	28.3	#VALUE!	1634.920634
5439000	1/24/1999	643	643	1.62	1047.84	132	0.8234%	TSS	--	0.289	28.3	#VALUE!	1632.401407
5439000	2/26/1985	639	639	1.62	1041.37	133	0.8296%	TSS	--	0.289	28.3	#VALUE!	1622.324502
5439000	2/15/1984	637	637	1.62	1038.14	134	0.8359%	TSS	--	0.289	28.3	#VALUE!	1617.286049
5439000	2/9/2001	636	636	1.62	1036.52	135	0.8421%	TSS	--	0.289	28.3	#VALUE!	1614.766823
5439000	2/25/1985	636	636	1.62	1036.52	135	0.8421%	TSS	--	0.289	28.3	#VALUE!	1614.766823
5439000	6/8/1993	634	634	1.62	1033.28	137	0.8546%	TSS	--	0.289	28.3	#VALUE!	1609.72837
5439000	1/4/1993	633	633	1.62	1031.67	138	0.8608%	TSS	--	0.289	28.3	#VALUE!	1607.209143
5439000	4/4/1983	629	629	1.62	1025.20	139	0.8671%	TSS	--	0.289	28.3	#VALUE!	1597.132238
5439000	11/15/1926	628	628	1.62	1023.58	140	0.8733%	TSS	--	0.289	28.3	#VALUE!	1594.613012
5439000	2/13/1984	627	627	1.62	1021.96	141	0.8795%	TSS	--	0.289	28.3	#VALUE!	1592.093785
5439000	12/30/2008	626	626	1.62	1020.35	142	0.8858%	TSS	--	0.289	28.3	#VALUE!	1589.574559
5439000	12/25/2009	625	625	1.62	1018.73	143	0.8920%	TSS	--	0.289	28.3	#VALUE!	1587.055332
5439000	7/20/2007	621	621	1.62	1012.26	144	0.8983%	TSS	--	0.289	28.3	#VALUE!	1576.978427
5439000	6/2/1999	620	620	1.62	1010.65	145	0.9045%	TSS	--	0.289	28.3	#VALUE!	1574.4592
5439000	10/31/2009	620	620	1.62	1010.65	145	0.9045%	TSS	--	0.289	28.3	#VALUE!	1574.4592
5439000	2/25/1926	613	613	1.62	999.33	147	0.9170%	TSS	--	0.289	28.3	#VALUE!	1556.824616
5439000	3/11/1990	612	612	1.62	997.71	148	0.9232%	TSS	--	0.289	28.3	#VALUE!	1554.305389
5439000	5/12/2002	608	608	1.62	991.24	149	0.9294%	TSS	--	0.289	28.3	#VALUE!	1544.228484
5439000	3/13/2014	605	605	1.62	986.39	150	0.9357%	TSS	--	0.289	28.3	#VALUE!	1536.670805
5439000	6/18/1996	600	600	1.62	978.30	151	0.9419%	TSS	--	0.289	28.3	#VALUE!	1524.074673
5439000	3/11/2009	598	598	1.62	975.07	152	0.9482%	TSS	--	0.289	28.3	#VALUE!	1519.03622
5439000	3/12/1990	594	594	1.62	968.60	153	0.9544%	TSS	--	0.289	28.3	#VALUE!	1508.959315
5439000	2/26/2001	593	593	1.62	966.98	154	0.9606%	TSS	--	0.289	28.3	#VALUE!	1506.440088
5439000	11/28/1990	592	592	1.62	965.37	155	0.9669%	TSS	--	0.289	28.3	#VALUE!	1503.920862
5439000	3/10/1986	588	588	1.62	958.90	156	0.9731%	TSS	--	0.289	28.3	#VALUE!	1493.843956
5439000	7/23/1982	587	587	1.62	957.28	157	0.9794%	TSS	--	0.289	28.3	#VALUE!	1491.32473
5439000	4/1/1929	582	582	1.62	949.20	158	0.9856%	TSS	--	0.289	28.3	#VALUE!	1478.728598
5439000	8/28/2007	582	582	1.62	949.20	158	0.9856%	TSS	--	0.289	28.3	#VALUE!	1478.728598
5439000	6/30/2013	580	580	1.62	945.96	160	0.9981%	TSS	--	0.289	28.3	#VALUE!	1473.690145

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/30/1980	578	578	1.62	942.73	161	1.0043%	TSS	--	0.289	28.3	#VALUE!	1468.651692
5439000	3/15/2014	577	577	1.62	941.11	162	1.0105%	TSS	--	0.289	28.3	#VALUE!	1466.132466
5439000	11/19/1985	575	575	1.62	937.88	163	1.0168%	TSS	--	0.289	28.3	#VALUE!	1461.094013
5439000	3/3/1993	574	574	1.62	936.26	164	1.0230%	TSS	--	0.289	28.3	#VALUE!	1458.574787
5439000	5/29/2011	571	571	1.62	931.41	165	1.0293%	TSS	--	0.289	28.3	#VALUE!	1451.017108
5439000	7/19/2007	570	570	1.62	929.79	166	1.0355%	TSS	--	0.289	28.3	#VALUE!	1448.497881
5439000	8/19/1987	569	569	1.62	928.17	167	1.0417%	TSS	--	0.289	28.3	#VALUE!	1445.978655
5439000	2/5/1927	568	568	1.62	926.56	168	1.0480%	TSS	--	0.289	28.3	#VALUE!	1443.459429
5439000	6/15/2000	567	567	1.62	924.94	169	1.0542%	TSS	--	0.289	28.3	#VALUE!	1440.940202
5439000	7/2/2014	566	566	1.62	923.32	170	1.0604%	TSS	--	0.289	28.3	#VALUE!	1438.420976
5439000	12/6/1982	564	564	1.62	920.09	171	1.0667%	TSS	--	0.289	28.3	#VALUE!	1433.382523
5439000	3/2/2007	561	561	1.62	915.24	172	1.0729%	TSS	--	0.289	28.3	#VALUE!	1425.824844
5439000	3/13/2013	561	561	1.62	915.24	172	1.0729%	TSS	--	0.289	28.3	#VALUE!	1425.824844
5439000	7/2/1933	559	559	1.62	912.00	174	1.0854%	TSS	--	0.289	28.3	#VALUE!	1420.786391
5439000	12/27/2008	559	559	1.62	912.00	174	1.0854%	TSS	--	0.289	28.3	#VALUE!	1420.786391
5439000	6/14/1993	558	558	1.62	910.39	176	1.0979%	TSS	--	0.289	28.3	#VALUE!	1418.267165
5439000	4/17/1993	555	555	1.62	905.53	177	1.1041%	TSS	--	0.289	28.3	#VALUE!	1410.709486
5439000	5/15/2011	555	555	1.62	905.53	177	1.1041%	TSS	--	0.289	28.3	#VALUE!	1410.709486
5439000	5/22/1987	551	551	1.62	899.07	179	1.1166%	TSS	--	0.289	28.3	#VALUE!	1400.63258
5439000	7/10/1986	551	551	1.62	899.07	179	1.1166%	TSS	--	0.289	28.3	#VALUE!	1400.63258
5439000	11/19/1928	550	550	1.62	897.45	181	1.1291%	TSS	--	0.289	28.3	#VALUE!	1398.113354
5439000	6/11/2011	550	550	1.62	897.45	181	1.1291%	TSS	--	0.289	28.3	#VALUE!	1398.113354
5439000	4/16/1998	548	548	1.62	894.21	183	1.1415%	TSS	--	0.289	28.3	#VALUE!	1393.074901
5439000	6/9/2011	547	547	1.62	892.60	184	1.1478%	TSS	--	0.289	28.3	#VALUE!	1390.555675
5439000	4/6/1988	546	546	1.62	890.98	185	1.1540%	TSS	--	0.289	28.3	#VALUE!	1388.036448
5439000	6/16/1981	545	545	1.62	889.36	186	1.1603%	TSS	--	0.289	28.3	#VALUE!	1385.517222
5439000	5/13/1999	542	542	1.62	884.51	187	1.1665%	TSS	--	0.289	28.3	#VALUE!	1377.959543
5439000	9/26/1993	542	542	1.62	884.51	187	1.1665%	TSS	--	0.289	28.3	#VALUE!	1377.959543
5439000	6/2/2004	538	538	1.62	878.04	189	1.1790%	TSS	--	0.289	28.3	#VALUE!	1367.882637
5439000	6/12/1926	538	538	1.62	878.04	189	1.1790%	TSS	--	0.289	28.3	#VALUE!	1367.882637
5439000	5/26/1927	538	538	1.62	878.04	189	1.1790%	TSS	--	0.289	28.3	#VALUE!	1367.882637
5439000	11/6/1994	538	538	1.62	878.04	189	1.1790%	TSS	--	0.289	28.3	#VALUE!	1367.882637

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/12/2015	537	537	1.62	876.43	193	1.2039%	TSS	--	0.289	28.3	#VALUE!	1365.363411
5439000	6/20/1993	535	535	1.62	873.19	194	1.2102%	TSS	--	0.289	28.3	#VALUE!	1360.324958
5439000	5/13/2002	535	535	1.62	873.19	194	1.2102%	TSS	--	0.289	28.3	#VALUE!	1360.324958
5439000	3/4/1929	534	534	1.62	871.58	196	1.2226%	TSS	--	0.289	28.3	#VALUE!	1357.805732
5439000	5/28/1995	534	534	1.62	871.58	196	1.2226%	TSS	--	0.289	28.3	#VALUE!	1357.805732
5439000	4/21/1929	534	534	1.62	871.58	196	1.2226%	TSS	--	0.289	28.3	#VALUE!	1357.805732
5439000	4/22/1929	534	534	1.62	871.58	196	1.2226%	TSS	--	0.289	28.3	#VALUE!	1357.805732
5439000	3/7/1994	534	534	1.62	871.58	196	1.2226%	TSS	--	0.289	28.3	#VALUE!	1357.805732
5439000	6/1/1989	532	532	1.62	868.34	201	1.2538%	TSS	--	0.289	28.3	#VALUE!	1352.767279
5439000	2/1/1988	531	531	1.62	866.72	202	1.2601%	TSS	--	0.289	28.3	#VALUE!	1350.248052
5439000	12/2/1985	528	528	1.62	861.87	203	1.2663%	TSS	--	0.289	28.3	#VALUE!	1342.690373
5439000	1/20/1988	524	524	1.62	855.40	204	1.2725%	TSS	--	0.289	28.3	#VALUE!	1332.613468
5439000	3/16/2014	524	524	1.62	855.40	204	1.2725%	TSS	--	0.289	28.3	#VALUE!	1332.613468
5439000	11/14/1926	523	523	1.62	853.79	206	1.2850%	TSS	--	0.289	28.3	#VALUE!	1330.094241
5439000	6/2/1996	522	522	1.62	852.17	207	1.2912%	TSS	--	0.289	28.3	#VALUE!	1327.575015
5439000	4/21/2013	520	520	1.62	848.94	208	1.2975%	TSS	--	0.289	28.3	#VALUE!	1322.536562
5439000	11/17/1928	518	518	1.62	845.70	209	1.3037%	TSS	--	0.289	28.3	#VALUE!	1317.498109
5439000	6/14/1929	518	518	1.62	845.70	209	1.3037%	TSS	--	0.289	28.3	#VALUE!	1317.498109
5439000	3/10/1990	515	515	1.62	840.85	211	1.3162%	TSS	--	0.289	28.3	#VALUE!	1309.94043
5439000	7/22/1982	514	514	1.62	839.23	212	1.3224%	TSS	--	0.289	28.3	#VALUE!	1307.421204
5439000	2/27/1997	513	513	1.62	837.62	213	1.3287%	TSS	--	0.289	28.3	#VALUE!	1304.901978
5439000	3/11/2010	511	511	1.62	834.38	214	1.3349%	TSS	--	0.289	28.3	#VALUE!	1299.863525
5439000	5/30/2004	510	510	1.62	832.77	215	1.3412%	TSS	--	0.289	28.3	#VALUE!	1297.344298
5439000	2/5/1986	510	510	1.62	832.77	215	1.3412%	TSS	--	0.289	28.3	#VALUE!	1297.344298
5439000	1/5/1993	509	509	1.62	831.15	217	1.3536%	TSS	--	0.289	28.3	#VALUE!	1294.825072
5439000	3/10/2007	509	509	1.62	831.15	217	1.3536%	TSS	--	0.289	28.3	#VALUE!	1294.825072
5439000	11/16/1926	508	508	1.62	829.53	219	1.3661%	TSS	--	0.289	28.3	#VALUE!	1292.305846
5439000	2/27/1985	507	507	1.62	827.91	220	1.3723%	TSS	--	0.289	28.3	#VALUE!	1289.786619
5439000	4/24/1999	507	507	1.62	827.91	220	1.3723%	TSS	--	0.289	28.3	#VALUE!	1289.786619
5439000	6/19/2015	506	506	1.62	826.30	222	1.3848%	TSS	--	0.289	28.3	#VALUE!	1287.267393
5439000	12/31/2008	504	504	1.62	823.06	223	1.3911%	TSS	--	0.289	28.3	#VALUE!	1282.22894
5439000	3/18/1991	502	502	1.62	819.83	224	1.3973%	TSS	--	0.289	28.3	#VALUE!	1277.190487

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/18/1980	501	501	1.62	818.21	225	1.4035%	TSS	--	0.289	28.3	#VALUE!	1274.671261
5439000	2/11/2001	500	500	1.62	816.59	226	1.4098%	TSS	--	0.289	28.3	#VALUE!	1272.152035
5439000	9/18/2008	499	499	1.62	814.98	227	1.4160%	TSS	--	0.289	28.3	#VALUE!	1269.632808
5439000	5/12/2008	499	499	1.62	814.98	227	1.4160%	TSS	--	0.289	28.3	#VALUE!	1269.632808
5439000	4/7/1988	498	498	1.62	813.36	229	1.4285%	TSS	--	0.289	28.3	#VALUE!	1267.113582
5439000	5/9/1998	498	498	1.62	813.36	229	1.4285%	TSS	--	0.289	28.3	#VALUE!	1267.113582
5439000	8/20/2007	495	495	1.62	808.51	231	1.4410%	TSS	--	0.289	28.3	#VALUE!	1259.555903
5439000	10/30/2009	491	491	1.62	802.04	232	1.4472%	TSS	--	0.289	28.3	#VALUE!	1249.478997
5439000	9/13/1980	489	489	1.62	798.81	233	1.4534%	TSS	--	0.289	28.3	#VALUE!	1244.440544
5439000	3/11/1986	489	489	1.62	798.81	233	1.4534%	TSS	--	0.289	28.3	#VALUE!	1244.440544
5439000	8/30/1987	489	489	1.62	798.81	233	1.4534%	TSS	--	0.289	28.3	#VALUE!	1244.440544
5439000	7/13/2008	488	488	1.62	797.19	236	1.4721%	TSS	--	0.289	28.3	#VALUE!	1241.921318
5439000	3/12/2010	488	488	1.62	797.19	236	1.4721%	TSS	--	0.289	28.3	#VALUE!	1241.921318
5439000	3/16/1929	487	487	1.62	795.57	238	1.4846%	TSS	--	0.289	28.3	#VALUE!	1239.402092
5439000	4/20/1929	487	487	1.62	795.57	238	1.4846%	TSS	--	0.289	28.3	#VALUE!	1239.402092
5439000	3/2/1997	486	486	1.62	793.96	240	1.4971%	TSS	--	0.289	28.3	#VALUE!	1236.882865
5439000	12/27/2009	486	486	1.62	793.96	240	1.4971%	TSS	--	0.289	28.3	#VALUE!	1236.882865
5439000	6/26/1994	482	482	1.62	787.49	242	1.5096%	TSS	--	0.289	28.3	#VALUE!	1226.80596
5439000	4/12/2008	482	482	1.62	787.49	242	1.5096%	TSS	--	0.289	28.3	#VALUE!	1226.80596
5439000	2/24/1985	480	480	1.62	784.25	244	1.5221%	TSS	--	0.289	28.3	#VALUE!	1221.767507
5439000	8/17/1980	476	476	1.62	777.78	245	1.5283%	TSS	--	0.289	28.3	#VALUE!	1211.690601
5439000	3/6/1985	476	476	1.62	777.78	245	1.5283%	TSS	--	0.289	28.3	#VALUE!	1211.690601
5439000	3/9/1990	476	476	1.62	777.78	245	1.5283%	TSS	--	0.289	28.3	#VALUE!	1211.690601
5439000	6/10/1993	474	474	1.62	774.55	248	1.5470%	TSS	--	0.289	28.3	#VALUE!	1206.652149
5439000	5/15/2010	474	474	1.62	774.55	248	1.5470%	TSS	--	0.289	28.3	#VALUE!	1206.652149
5439000	3/5/1929	472	472	1.62	771.32	250	1.5595%	TSS	--	0.289	28.3	#VALUE!	1201.613696
5439000	1/14/1995	470	470	1.62	768.08	251	1.5657%	TSS	--	0.289	28.3	#VALUE!	1196.575243
5439000	4/15/1993	469	469	1.62	766.46	252	1.5720%	TSS	--	0.289	28.3	#VALUE!	1194.056017
5439000	6/24/1996	468	468	1.62	764.85	253	1.5782%	TSS	--	0.289	28.3	#VALUE!	1191.53679
5439000	5/23/1995	467	467	1.62	763.23	254	1.5844%	TSS	--	0.289	28.3	#VALUE!	1189.017564
5439000	7/12/2008	465	465	1.62	760.00	255	1.5907%	TSS	--	0.289	28.3	#VALUE!	1183.979111
5439000	9/12/1980	465	465	1.62	760.00	255	1.5907%	TSS	--	0.289	28.3	#VALUE!	1183.979111

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/1/1926	464	464	1.62	758.38	257	1.6031%	TSS	--	0.289	28.3	#VALUE!	1181.459885
5439000	4/20/1927	464	464	1.62	758.38	257	1.6031%	TSS	--	0.289	28.3	#VALUE!	1181.459885
5439000	7/4/1928	464	464	1.62	758.38	257	1.6031%	TSS	--	0.289	28.3	#VALUE!	1181.459885
5439000	3/14/2014	463	463	1.62	756.76	260	1.6219%	TSS	--	0.289	28.3	#VALUE!	1178.940658
5439000	2/28/1997	462	462	1.62	755.14	261	1.6281%	TSS	--	0.289	28.3	#VALUE!	1176.421432
5439000	6/15/1993	458	458	1.62	748.68	262	1.6343%	TSS	--	0.289	28.3	#VALUE!	1166.344526
5439000	11/2/1985	457	457	1.62	747.06	263	1.6406%	TSS	--	0.289	28.3	#VALUE!	1163.8253
5439000	4/25/1929	457	457	1.62	747.06	263	1.6406%	TSS	--	0.289	28.3	#VALUE!	1163.8253
5439000	5/12/2003	457	457	1.62	747.06	263	1.6406%	TSS	--	0.289	28.3	#VALUE!	1163.8253
5439000	4/2/1993	456	456	1.62	745.44	266	1.6593%	TSS	--	0.289	28.3	#VALUE!	1161.306074
5439000	5/31/1996	456	456	1.62	745.44	266	1.6593%	TSS	--	0.289	28.3	#VALUE!	1161.306074
5439000	12/15/2011	452	452	1.62	738.97	268	1.6718%	TSS	--	0.289	28.3	#VALUE!	1151.229168
5439000	7/7/1982	451	451	1.62	737.36	269	1.6780%	TSS	--	0.289	28.3	#VALUE!	1148.709942
5439000	4/5/1983	451	451	1.62	737.36	269	1.6780%	TSS	--	0.289	28.3	#VALUE!	1148.709942
5439000	7/5/1928	450	450	1.62	735.74	271	1.6905%	TSS	--	0.289	28.3	#VALUE!	1146.190715
5439000	4/19/1927	450	450	1.62	735.74	271	1.6905%	TSS	--	0.289	28.3	#VALUE!	1146.190715
5439000	2/4/1986	450	450	1.62	735.74	271	1.6905%	TSS	--	0.289	28.3	#VALUE!	1146.190715
5439000	4/3/1982	449	449	1.62	734.12	274	1.7092%	TSS	--	0.289	28.3	#VALUE!	1143.671489
5439000	2/18/2008	448	448	1.62	732.51	275	1.7154%	TSS	--	0.289	28.3	#VALUE!	1141.152263
5439000	8/4/1989	447	447	1.62	730.89	276	1.7217%	TSS	--	0.289	28.3	#VALUE!	1138.633036
5439000	4/1/2009	447	447	1.62	730.89	276	1.7217%	TSS	--	0.289	28.3	#VALUE!	1138.633036
5439000	5/20/1986	446	446	1.62	729.27	278	1.7341%	TSS	--	0.289	28.3	#VALUE!	1136.11381
5439000	12/31/1992	446	446	1.62	729.27	278	1.7341%	TSS	--	0.289	28.3	#VALUE!	1136.11381
5439000	7/31/1989	445	445	1.62	727.65	280	1.7466%	TSS	--	0.289	28.3	#VALUE!	1133.594584
5439000	3/17/1929	442	442	1.62	722.80	281	1.7529%	TSS	--	0.289	28.3	#VALUE!	1126.036904
5439000	3/13/2015	440	440	1.62	719.57	282	1.7591%	TSS	--	0.289	28.3	#VALUE!	1120.998452
5439000	12/7/1982	438	438	1.62	716.33	283	1.7653%	TSS	--	0.289	28.3	#VALUE!	1115.959999
5439000	2/6/1927	436	436	1.62	713.10	284	1.7716%	TSS	--	0.289	28.3	#VALUE!	1110.921546
5439000	5/25/1991	436	436	1.62	713.10	284	1.7716%	TSS	--	0.289	28.3	#VALUE!	1110.921546
5439000	3/26/1993	436	436	1.62	713.10	284	1.7716%	TSS	--	0.289	28.3	#VALUE!	1110.921546
5439000	3/13/2010	436	436	1.62	713.10	284	1.7716%	TSS	--	0.289	28.3	#VALUE!	1110.921546
5439000	9/17/1980	434	434	1.62	709.87	288	1.7965%	TSS	--	0.289	28.3	#VALUE!	1105.883093

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/7/2002	434	434	1.62	709.87	288	1.7965%	TSS	--	0.289	28.3	#VALUE!	1105.883093
5439000	6/23/2013	434	434	1.62	709.87	288	1.7965%	TSS	--	0.289	28.3	#VALUE!	1105.883093
5439000	3/13/1990	433	433	1.62	708.25	291	1.8152%	TSS	--	0.289	28.3	#VALUE!	1103.363867
5439000	5/24/1983	433	433	1.62	708.25	291	1.8152%	TSS	--	0.289	28.3	#VALUE!	1103.363867
5439000	2/8/2009	433	433	1.62	708.25	291	1.8152%	TSS	--	0.289	28.3	#VALUE!	1103.363867
5439000	8/5/1989	431	431	1.62	705.02	294	1.8339%	TSS	--	0.289	28.3	#VALUE!	1098.325414
5439000	6/20/2014	431	431	1.62	705.02	294	1.8339%	TSS	--	0.289	28.3	#VALUE!	1098.325414
5439000	5/15/2004	428	428	1.62	700.16	296	1.8464%	TSS	--	0.289	28.3	#VALUE!	1090.767735
5439000	3/6/1929	427	427	1.62	698.55	297	1.8527%	TSS	--	0.289	28.3	#VALUE!	1088.248509
5439000	7/6/1983	427	427	1.62	698.55	297	1.8527%	TSS	--	0.289	28.3	#VALUE!	1088.248509
5439000	4/20/1993	427	427	1.62	698.55	297	1.8527%	TSS	--	0.289	28.3	#VALUE!	1088.248509
5439000	8/21/2007	426	426	1.62	696.93	300	1.8714%	TSS	--	0.289	28.3	#VALUE!	1085.729282
5439000	3/13/2008	426	426	1.62	696.93	300	1.8714%	TSS	--	0.289	28.3	#VALUE!	1085.729282
5439000	5/26/2011	426	426	1.62	696.93	300	1.8714%	TSS	--	0.289	28.3	#VALUE!	1085.729282
5439000	1/25/1999	424	424	1.62	693.70	303	1.8901%	TSS	--	0.289	28.3	#VALUE!	1080.690829
5439000	4/10/1983	423	423	1.62	692.08	304	1.8963%	TSS	--	0.289	28.3	#VALUE!	1078.171603
5439000	2/18/1926	422	422	1.62	690.46	305	1.9026%	TSS	--	0.289	28.3	#VALUE!	1075.652377
5439000	4/6/1928	422	422	1.62	690.46	305	1.9026%	TSS	--	0.289	28.3	#VALUE!	1075.652377
5439000	1/25/2010	422	422	1.62	690.46	305	1.9026%	TSS	--	0.289	28.3	#VALUE!	1075.652377
5439000	5/25/1995	421	421	1.62	688.84	308	1.9213%	TSS	--	0.289	28.3	#VALUE!	1073.13315
5439000	4/9/1993	420	420	1.62	687.23	309	1.9275%	TSS	--	0.289	28.3	#VALUE!	1070.613924
5439000	5/24/2004	420	420	1.62	687.23	309	1.9275%	TSS	--	0.289	28.3	#VALUE!	1070.613924
5439000	6/22/2014	420	420	1.62	687.23	309	1.9275%	TSS	--	0.289	28.3	#VALUE!	1070.613924
5439000	3/11/2007	419	419	1.62	685.61	312	1.9462%	TSS	--	0.289	28.3	#VALUE!	1068.094698
5439000	3/31/2009	419	419	1.62	685.61	312	1.9462%	TSS	--	0.289	28.3	#VALUE!	1068.094698
5439000	6/25/2013	419	419	1.62	685.61	312	1.9462%	TSS	--	0.289	28.3	#VALUE!	1068.094698
5439000	3/14/1990	418	418	1.62	683.99	315	1.9649%	TSS	--	0.289	28.3	#VALUE!	1065.575471
5439000	11/21/1985	418	418	1.62	683.99	315	1.9649%	TSS	--	0.289	28.3	#VALUE!	1065.575471
5439000	5/10/1990	418	418	1.62	683.99	315	1.9649%	TSS	--	0.289	28.3	#VALUE!	1065.575471
5439000	7/29/1996	418	418	1.62	683.99	315	1.9649%	TSS	--	0.289	28.3	#VALUE!	1065.575471
5439000	6/8/2009	418	418	1.62	683.99	315	1.9649%	TSS	--	0.289	28.3	#VALUE!	1065.575471
5439000	5/28/1991	416	416	1.62	680.76	320	1.9961%	TSS	--	0.289	28.3	#VALUE!	1060.537018

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/14/2015	416	416	1.62	680.76	320	1.9961%	TSS	--	0.289	28.3	#VALUE!	1060.537018
5439000	8/29/2007	415	415	1.62	679.14	322	2.0086%	TSS	--	0.289	28.3	#VALUE!	1058.017792
5439000	12/2/1982	413	413	1.62	675.91	323	2.0148%	TSS	--	0.289	28.3	#VALUE!	1052.979339
5439000	11/20/1928	413	413	1.62	675.91	323	2.0148%	TSS	--	0.289	28.3	#VALUE!	1052.979339
5439000	6/12/1998	413	413	1.62	675.91	323	2.0148%	TSS	--	0.289	28.3	#VALUE!	1052.979339
5439000	10/18/1998	411	411	1.62	672.67	326	2.0336%	TSS	--	0.289	28.3	#VALUE!	1047.940887
5439000	3/20/1982	411	411	1.62	672.67	326	2.0336%	TSS	--	0.289	28.3	#VALUE!	1047.940887
5439000	11/11/1995	411	411	1.62	672.67	326	2.0336%	TSS	--	0.289	28.3	#VALUE!	1047.940887
5439000	5/11/2008	411	411	1.62	672.67	326	2.0336%	TSS	--	0.289	28.3	#VALUE!	1047.940887
5439000	3/10/2010	410	410	1.62	671.06	330	2.0585%	TSS	--	0.289	28.3	#VALUE!	1045.42166
5439000	6/13/1926	408	408	1.62	667.82	331	2.0647%	TSS	--	0.289	28.3	#VALUE!	1040.383207
5439000	3/31/1993	408	408	1.62	667.82	331	2.0647%	TSS	--	0.289	28.3	#VALUE!	1040.383207
5439000	4/9/1926	408	408	1.62	667.82	331	2.0647%	TSS	--	0.289	28.3	#VALUE!	1040.383207
5439000	10/7/1927	408	408	1.62	667.82	331	2.0647%	TSS	--	0.289	28.3	#VALUE!	1040.383207
5439000	4/7/1928	408	408	1.62	667.82	331	2.0647%	TSS	--	0.289	28.3	#VALUE!	1040.383207
5439000	3/6/1993	408	408	1.62	667.82	331	2.0647%	TSS	--	0.289	28.3	#VALUE!	1040.383207
5439000	6/26/2013	408	408	1.62	667.82	331	2.0647%	TSS	--	0.289	28.3	#VALUE!	1040.383207
5439000	5/5/2015	407	407	1.62	666.20	338	2.1084%	TSS	--	0.289	28.3	#VALUE!	1037.863981
5439000	3/27/1991	407	407	1.62	666.20	338	2.1084%	TSS	--	0.289	28.3	#VALUE!	1037.863981
5439000	11/7/1994	407	407	1.62	666.20	338	2.1084%	TSS	--	0.289	28.3	#VALUE!	1037.863981
5439000	6/7/1996	406	406	1.62	664.59	341	2.1271%	TSS	--	0.289	28.3	#VALUE!	1035.344755
5439000	3/27/1932	406	406	1.62	664.59	341	2.1271%	TSS	--	0.289	28.3	#VALUE!	1035.344755
5439000	4/9/1983	406	406	1.62	664.59	341	2.1271%	TSS	--	0.289	28.3	#VALUE!	1035.344755
5439000	6/3/1996	406	406	1.62	664.59	341	2.1271%	TSS	--	0.289	28.3	#VALUE!	1035.344755
5439000	7/20/1993	405	405	1.62	662.97	345	2.1521%	TSS	--	0.289	28.3	#VALUE!	1032.825528
5439000	6/3/1995	404	404	1.62	661.35	346	2.1583%	TSS	--	0.289	28.3	#VALUE!	1030.306302
5439000	7/22/1996	404	404	1.62	661.35	346	2.1583%	TSS	--	0.289	28.3	#VALUE!	1030.306302
5439000	9/14/1980	403	403	1.62	659.74	348	2.1708%	TSS	--	0.289	28.3	#VALUE!	1027.787075
5439000	6/12/1987	403	403	1.62	659.74	348	2.1708%	TSS	--	0.289	28.3	#VALUE!	1027.787075
5439000	4/15/1991	403	403	1.62	659.74	348	2.1708%	TSS	--	0.289	28.3	#VALUE!	1027.787075
5439000	3/25/2009	403	403	1.62	659.74	348	2.1708%	TSS	--	0.289	28.3	#VALUE!	1027.787075
5439000	1/21/1988	400	400	1.62	654.89	352	2.1957%	TSS	--	0.289	28.3	#VALUE!	1020.229396

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/8/2008	400	400	1.62	654.89	352	2.1957%	TSS	--	0.289	28.3	#VALUE!	1020.229396
5439000	7/18/1993	400	400	1.62	654.89	352	2.1957%	TSS	--	0.289	28.3	#VALUE!	1020.229396
5439000	2/24/2000	400	400	1.62	654.89	352	2.1957%	TSS	--	0.289	28.3	#VALUE!	1020.229396
5439000	4/21/2000	400	400	1.62	654.89	352	2.1957%	TSS	--	0.289	28.3	#VALUE!	1020.229396
5439000	2/18/2011	400	400	1.62	654.89	352	2.1957%	TSS	--	0.289	28.3	#VALUE!	1020.229396
5439000	6/22/2013	400	400	1.62	654.89	352	2.1957%	TSS	--	0.289	28.3	#VALUE!	1020.229396
5439000	12/1/1985	399	399	1.62	653.27	359	2.2394%	TSS	--	0.289	28.3	#VALUE!	1017.71017
5439000	6/15/1929	399	399	1.62	653.27	359	2.2394%	TSS	--	0.289	28.3	#VALUE!	1017.71017
5439000	2/10/2009	397	397	1.62	650.03	361	2.2519%	TSS	--	0.289	28.3	#VALUE!	1012.671717
5439000	3/5/1993	396	396	1.62	648.42	362	2.2581%	TSS	--	0.289	28.3	#VALUE!	1010.152491
5439000	4/3/1993	396	396	1.62	648.42	362	2.2581%	TSS	--	0.289	28.3	#VALUE!	1010.152491
5439000	4/6/1983	395	395	1.62	646.80	364	2.2706%	TSS	--	0.289	28.3	#VALUE!	1007.633264
5439000	4/17/1998	394	394	1.62	645.18	365	2.2768%	TSS	--	0.289	28.3	#VALUE!	1005.114038
5439000	2/26/1926	394	394	1.62	645.18	365	2.2768%	TSS	--	0.289	28.3	#VALUE!	1005.114038
5439000	11/17/1926	394	394	1.62	645.18	365	2.2768%	TSS	--	0.289	28.3	#VALUE!	1005.114038
5439000	12/9/1987	394	394	1.62	645.18	365	2.2768%	TSS	--	0.289	28.3	#VALUE!	1005.114038
5439000	3/6/1994	392	392	1.62	641.95	369	2.3018%	TSS	--	0.289	28.3	#VALUE!	1000.075585
5439000	7/3/2014	392	392	1.62	641.95	369	2.3018%	TSS	--	0.289	28.3	#VALUE!	1000.075585
5439000	12/23/2007	391	391	1.62	640.33	371	2.3143%	TSS	--	0.289	28.3	#VALUE!	997.5563589
5439000	5/10/1995	390	390	1.62	638.71	372	2.3205%	TSS	--	0.289	28.3	#VALUE!	995.0371325
5439000	5/9/2003	390	390	1.62	638.71	372	2.3205%	TSS	--	0.289	28.3	#VALUE!	995.0371325
5439000	3/15/1990	389	389	1.62	637.10	374	2.3330%	TSS	--	0.289	28.3	#VALUE!	992.5179061
5439000	1/22/1999	389	389	1.62	637.10	374	2.3330%	TSS	--	0.289	28.3	#VALUE!	992.5179061
5439000	8/19/1980	388	388	1.62	635.48	376	2.3455%	TSS	--	0.289	28.3	#VALUE!	989.9986797
5439000	11/1/2009	388	388	1.62	635.48	376	2.3455%	TSS	--	0.289	28.3	#VALUE!	989.9986797
5439000	3/14/2010	388	388	1.62	635.48	376	2.3455%	TSS	--	0.289	28.3	#VALUE!	989.9986797
5439000	2/12/2009	387	387	1.62	633.86	379	2.3642%	TSS	--	0.289	28.3	#VALUE!	987.4794533
5439000	4/18/1993	386	386	1.62	632.25	380	2.3704%	TSS	--	0.289	28.3	#VALUE!	984.960227
5439000	5/12/1999	386	386	1.62	632.25	380	2.3704%	TSS	--	0.289	28.3	#VALUE!	984.960227
5439000	3/22/2007	386	386	1.62	632.25	380	2.3704%	TSS	--	0.289	28.3	#VALUE!	984.960227
5439000	4/10/2008	386	386	1.62	632.25	380	2.3704%	TSS	--	0.289	28.3	#VALUE!	984.960227
5439000	4/2/1929	385	385	1.62	630.63	384	2.3954%	TSS	--	0.289	28.3	#VALUE!	982.4410006

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/6/2015	385	385	1.62	630.63	384	2.3954%	TSS	--	0.289	28.3	#VALUE!	982.4410006
5439000	6/1/2011	383	383	1.62	627.39	386	2.4078%	TSS	--	0.289	28.3	#VALUE!	977.4025478
5439000	6/19/1996	382	382	1.62	625.78	387	2.4141%	TSS	--	0.289	28.3	#VALUE!	974.8833214
5439000	3/28/1983	382	382	1.62	625.78	387	2.4141%	TSS	--	0.289	28.3	#VALUE!	974.8833214
5439000	6/24/2013	382	382	1.62	625.78	387	2.4141%	TSS	--	0.289	28.3	#VALUE!	974.8833214
5439000	9/25/1926	380	380	1.62	622.54	390	2.4328%	TSS	--	0.289	28.3	#VALUE!	969.8448687
5439000	4/10/1926	380	380	1.62	622.54	390	2.4328%	TSS	--	0.289	28.3	#VALUE!	969.8448687
5439000	9/24/1926	380	380	1.62	622.54	390	2.4328%	TSS	--	0.289	28.3	#VALUE!	969.8448687
5439000	10/5/1926	380	380	1.62	622.54	390	2.4328%	TSS	--	0.289	28.3	#VALUE!	969.8448687
5439000	3/19/1991	379	379	1.62	620.93	394	2.4577%	TSS	--	0.289	28.3	#VALUE!	967.3256423
5439000	8/9/2007	379	379	1.62	620.93	394	2.4577%	TSS	--	0.289	28.3	#VALUE!	967.3256423
5439000	2/28/1985	378	378	1.62	619.31	396	2.4702%	TSS	--	0.289	28.3	#VALUE!	964.8064159
5439000	6/2/1989	378	378	1.62	619.31	396	2.4702%	TSS	--	0.289	28.3	#VALUE!	964.8064159
5439000	2/24/1997	378	378	1.62	619.31	396	2.4702%	TSS	--	0.289	28.3	#VALUE!	964.8064159
5439000	1/9/2008	377	377	1.62	617.69	399	2.4889%	TSS	--	0.289	28.3	#VALUE!	962.2871895
5439000	1/7/2008	377	377	1.62	617.69	399	2.4889%	TSS	--	0.289	28.3	#VALUE!	962.2871895
5439000	9/27/1993	376	376	1.62	616.08	401	2.5014%	TSS	--	0.289	28.3	#VALUE!	959.7679631
5439000	9/18/1980	375	375	1.62	614.46	402	2.5076%	TSS	--	0.289	28.3	#VALUE!	957.2487368
5439000	6/1/1996	375	375	1.62	614.46	402	2.5076%	TSS	--	0.289	28.3	#VALUE!	957.2487368
5439000	2/16/1984	374	374	1.62	612.84	404	2.5201%	TSS	--	0.289	28.3	#VALUE!	954.7295104
5439000	11/29/1990	374	374	1.62	612.84	404	2.5201%	TSS	--	0.289	28.3	#VALUE!	954.7295104
5439000	3/28/1991	373	373	1.62	611.22	406	2.5326%	TSS	--	0.289	28.3	#VALUE!	952.210284
5439000	2/27/2001	372	372	1.62	609.61	407	2.5388%	TSS	--	0.289	28.3	#VALUE!	949.6910576
5439000	12/17/1992	372	372	1.62	609.61	407	2.5388%	TSS	--	0.289	28.3	#VALUE!	949.6910576
5439000	4/20/2011	372	372	1.62	609.61	407	2.5388%	TSS	--	0.289	28.3	#VALUE!	949.6910576
5439000	6/21/2014	372	372	1.62	609.61	407	2.5388%	TSS	--	0.289	28.3	#VALUE!	949.6910576
5439000	3/18/1929	371	371	1.62	607.99	411	2.5638%	TSS	--	0.289	28.3	#VALUE!	947.1718312
5439000	3/14/1929	371	371	1.62	607.99	411	2.5638%	TSS	--	0.289	28.3	#VALUE!	947.1718312
5439000	4/20/2000	371	371	1.62	607.99	411	2.5638%	TSS	--	0.289	28.3	#VALUE!	947.1718312
5439000	7/21/2007	371	371	1.62	607.99	411	2.5638%	TSS	--	0.289	28.3	#VALUE!	947.1718312
5439000	2/11/2009	370	370	1.62	606.37	415	2.5887%	TSS	--	0.289	28.3	#VALUE!	944.6526048
5439000	5/14/2004	369	369	1.62	604.76	416	2.5950%	TSS	--	0.289	28.3	#VALUE!	942.1333785

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/22/2013	369	369	1.62	604.76	416	2.5950%	TSS	--	0.289	28.3	#VALUE!	942.1333785
5439000	6/27/2013	369	369	1.62	604.76	416	2.5950%	TSS	--	0.289	28.3	#VALUE!	942.1333785
5439000	3/3/1929	367	367	1.62	601.52	419	2.6137%	TSS	--	0.289	28.3	#VALUE!	937.0949257
5439000	4/29/1927	367	367	1.62	601.52	419	2.6137%	TSS	--	0.289	28.3	#VALUE!	937.0949257
5439000	4/17/1930	367	367	1.62	601.52	419	2.6137%	TSS	--	0.289	28.3	#VALUE!	937.0949257
5439000	3/28/1932	367	367	1.62	601.52	419	2.6137%	TSS	--	0.289	28.3	#VALUE!	937.0949257
5439000	7/11/1986	367	367	1.62	601.52	419	2.6137%	TSS	--	0.289	28.3	#VALUE!	937.0949257
5439000	3/30/2009	366	366	1.62	599.90	424	2.6449%	TSS	--	0.289	28.3	#VALUE!	934.5756993
5439000	5/1/2009	366	366	1.62	599.90	424	2.6449%	TSS	--	0.289	28.3	#VALUE!	934.5756993
5439000	4/21/1998	364	364	1.62	596.67	426	2.6574%	TSS	--	0.289	28.3	#VALUE!	929.5372466
5439000	6/12/2011	364	364	1.62	596.67	426	2.6574%	TSS	--	0.289	28.3	#VALUE!	929.5372466
5439000	7/8/1982	363	363	1.62	595.05	428	2.6698%	TSS	--	0.289	28.3	#VALUE!	927.0180202
5439000	7/24/1982	363	363	1.62	595.05	428	2.6698%	TSS	--	0.289	28.3	#VALUE!	927.0180202
5439000	4/1/2008	362	362	1.62	593.44	430	2.6823%	TSS	--	0.289	28.3	#VALUE!	924.4987938
5439000	5/14/2002	360	360	1.62	590.20	431	2.6885%	TSS	--	0.289	28.3	#VALUE!	919.460341
5439000	8/8/1996	360	360	1.62	590.20	431	2.6885%	TSS	--	0.289	28.3	#VALUE!	919.460341
5439000	9/19/2008	359	359	1.62	588.58	433	2.7010%	TSS	--	0.289	28.3	#VALUE!	916.9411146
5439000	7/1/2013	359	359	1.62	588.58	433	2.7010%	TSS	--	0.289	28.3	#VALUE!	916.9411146
5439000	4/13/2008	358	358	1.62	586.97	435	2.7135%	TSS	--	0.289	28.3	#VALUE!	914.4218883
5439000	6/15/1999	358	358	1.62	586.97	435	2.7135%	TSS	--	0.289	28.3	#VALUE!	914.4218883
5439000	3/17/2014	358	358	1.62	586.97	435	2.7135%	TSS	--	0.289	28.3	#VALUE!	914.4218883
5439000	2/22/1994	357	357	1.62	585.35	438	2.7322%	TSS	--	0.289	28.3	#VALUE!	911.9026619
5439000	3/14/2008	357	357	1.62	585.35	438	2.7322%	TSS	--	0.289	28.3	#VALUE!	911.9026619
5439000	3/7/1993	356	356	1.62	583.73	440	2.7447%	TSS	--	0.289	28.3	#VALUE!	909.3834355
5439000	1/15/1995	356	356	1.62	583.73	440	2.7447%	TSS	--	0.289	28.3	#VALUE!	909.3834355
5439000	5/29/1995	356	356	1.62	583.73	440	2.7447%	TSS	--	0.289	28.3	#VALUE!	909.3834355
5439000	4/27/2007	355	355	1.62	582.12	443	2.7634%	TSS	--	0.289	28.3	#VALUE!	906.8642091
5439000	3/3/2007	355	355	1.62	582.12	443	2.7634%	TSS	--	0.289	28.3	#VALUE!	906.8642091
5439000	1/1/2009	355	355	1.62	582.12	443	2.7634%	TSS	--	0.289	28.3	#VALUE!	906.8642091
5439000	3/12/2009	355	355	1.62	582.12	443	2.7634%	TSS	--	0.289	28.3	#VALUE!	906.8642091
5439000	12/28/2009	355	355	1.62	582.12	443	2.7634%	TSS	--	0.289	28.3	#VALUE!	906.8642091
5439000	2/28/1926	354	354	1.62	580.50	448	2.7946%	TSS	--	0.289	28.3	#VALUE!	904.3449827

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/20/1928	354	354	1.62	580.50	448	2.7946%	TSS	--	0.289	28.3	#VALUE!	904.3449827
5439000	6/11/1926	354	354	1.62	580.50	448	2.7946%	TSS	--	0.289	28.3	#VALUE!	904.3449827
5439000	5/27/1927	354	354	1.62	580.50	448	2.7946%	TSS	--	0.289	28.3	#VALUE!	904.3449827
5439000	4/8/1928	354	354	1.62	580.50	448	2.7946%	TSS	--	0.289	28.3	#VALUE!	904.3449827
5439000	12/8/1982	354	354	1.62	580.50	448	2.7946%	TSS	--	0.289	28.3	#VALUE!	904.3449827
5439000	6/19/1993	353	353	1.62	578.88	454	2.8320%	TSS	--	0.289	28.3	#VALUE!	901.8257563
5439000	2/28/2009	352	352	1.62	577.26	455	2.8383%	TSS	--	0.289	28.3	#VALUE!	899.30653
5439000	7/10/2007	352	352	1.62	577.26	455	2.8383%	TSS	--	0.289	28.3	#VALUE!	899.30653
5439000	6/9/2009	352	352	1.62	577.26	455	2.8383%	TSS	--	0.289	28.3	#VALUE!	899.30653
5439000	5/27/2011	351	351	1.62	575.65	458	2.8570%	TSS	--	0.289	28.3	#VALUE!	896.7873036
5439000	3/27/1993	351	351	1.62	575.65	458	2.8570%	TSS	--	0.289	28.3	#VALUE!	896.7873036
5439000	4/21/1993	351	351	1.62	575.65	458	2.8570%	TSS	--	0.289	28.3	#VALUE!	896.7873036
5439000	3/14/2013	351	351	1.62	575.65	458	2.8570%	TSS	--	0.289	28.3	#VALUE!	896.7873036
5439000	2/19/2011	350	350	1.62	574.03	462	2.8819%	TSS	--	0.289	28.3	#VALUE!	894.2680772
5439000	7/1/1983	350	350	1.62	574.03	462	2.8819%	TSS	--	0.289	28.3	#VALUE!	894.2680772
5439000	5/7/1998	350	350	1.62	574.03	462	2.8819%	TSS	--	0.289	28.3	#VALUE!	894.2680772
5439000	1/30/1988	348	348	1.62	570.80	465	2.9006%	TSS	--	0.289	28.3	#VALUE!	889.2296244
5439000	3/5/2011	348	348	1.62	570.80	465	2.9006%	TSS	--	0.289	28.3	#VALUE!	889.2296244
5439000	4/12/1995	347	347	1.62	569.18	467	2.9131%	TSS	--	0.289	28.3	#VALUE!	886.7103981
5439000	11/3/1985	347	347	1.62	569.18	467	2.9131%	TSS	--	0.289	28.3	#VALUE!	886.7103981
5439000	2/9/2009	346	346	1.62	567.56	469	2.9256%	TSS	--	0.289	28.3	#VALUE!	884.1911717
5439000	6/17/1981	346	346	1.62	567.56	469	2.9256%	TSS	--	0.289	28.3	#VALUE!	884.1911717
5439000	11/29/1987	346	346	1.62	567.56	469	2.9256%	TSS	--	0.289	28.3	#VALUE!	884.1911717
5439000	12/25/1987	346	346	1.62	567.56	469	2.9256%	TSS	--	0.289	28.3	#VALUE!	884.1911717
5439000	2/25/2000	345	345	1.62	565.95	473	2.9505%	TSS	--	0.289	28.3	#VALUE!	881.6719453
5439000	6/16/2000	345	345	1.62	565.95	473	2.9505%	TSS	--	0.289	28.3	#VALUE!	881.6719453
5439000	4/26/1929	344	344	1.62	564.33	475	2.9630%	TSS	--	0.289	28.3	#VALUE!	879.1527189
5439000	4/3/1929	344	344	1.62	564.33	475	2.9630%	TSS	--	0.289	28.3	#VALUE!	879.1527189
5439000	11/10/1985	344	344	1.62	564.33	475	2.9630%	TSS	--	0.289	28.3	#VALUE!	879.1527189
5439000	4/16/1991	344	344	1.62	564.33	475	2.9630%	TSS	--	0.289	28.3	#VALUE!	879.1527189
5439000	11/23/1992	344	344	1.62	564.33	475	2.9630%	TSS	--	0.289	28.3	#VALUE!	879.1527189
5439000	4/8/1988	343	343	1.62	562.71	480	2.9942%	TSS	--	0.289	28.3	#VALUE!	876.6334925

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/4/1993	343	343	1.62	562.71	480	2.9942%	TSS	--	0.289	28.3	#VALUE!	876.6334925
5439000	6/21/2015	343	343	1.62	562.71	480	2.9942%	TSS	--	0.289	28.3	#VALUE!	876.6334925
5439000	7/24/2010	342	342	1.62	561.09	483	3.0129%	TSS	--	0.289	28.3	#VALUE!	874.1142661
5439000	6/17/1926	341	341	1.62	559.48	484	3.0192%	TSS	--	0.289	28.3	#VALUE!	871.5950398
5439000	12/8/1987	341	341	1.62	559.48	484	3.0192%	TSS	--	0.289	28.3	#VALUE!	871.5950398
5439000	11/18/1926	341	341	1.62	559.48	484	3.0192%	TSS	--	0.289	28.3	#VALUE!	871.5950398
5439000	4/21/1927	341	341	1.62	559.48	484	3.0192%	TSS	--	0.289	28.3	#VALUE!	871.5950398
5439000	7/9/1933	341	341	1.62	559.48	484	3.0192%	TSS	--	0.289	28.3	#VALUE!	871.5950398
5439000	4/9/2002	341	341	1.62	559.48	484	3.0192%	TSS	--	0.289	28.3	#VALUE!	871.5950398
5439000	8/30/2007	341	341	1.62	559.48	484	3.0192%	TSS	--	0.289	28.3	#VALUE!	871.5950398
5439000	4/24/2013	340	340	1.62	557.86	491	3.0628%	TSS	--	0.289	28.3	#VALUE!	869.0758134
5439000	8/31/1987	340	340	1.62	557.86	491	3.0628%	TSS	--	0.289	28.3	#VALUE!	869.0758134
5439000	5/17/1986	339	339	1.62	556.24	493	3.0753%	TSS	--	0.289	28.3	#VALUE!	866.556587
5439000	6/3/2004	338	338	1.62	554.63	494	3.0815%	TSS	--	0.289	28.3	#VALUE!	864.0373606
5439000	4/19/1993	337	337	1.62	553.01	495	3.0878%	TSS	--	0.289	28.3	#VALUE!	861.5181342
5439000	3/16/1982	336	336	1.62	551.39	496	3.0940%	TSS	--	0.289	28.3	#VALUE!	858.9989078
5439000	4/7/1983	336	336	1.62	551.39	496	3.0940%	TSS	--	0.289	28.3	#VALUE!	858.9989078
5439000	3/12/2007	336	336	1.62	551.39	496	3.0940%	TSS	--	0.289	28.3	#VALUE!	858.9989078
5439000	6/20/2015	335	335	1.62	549.77	499	3.1127%	TSS	--	0.289	28.3	#VALUE!	856.4796815
5439000	5/9/1995	335	335	1.62	549.77	499	3.1127%	TSS	--	0.289	28.3	#VALUE!	856.4796815
5439000	3/12/2008	334	334	1.62	548.16	501	3.1252%	TSS	--	0.289	28.3	#VALUE!	853.9604551
5439000	5/10/2003	333	333	1.62	546.54	502	3.1314%	TSS	--	0.289	28.3	#VALUE!	851.4412287
5439000	5/11/1990	333	333	1.62	546.54	502	3.1314%	TSS	--	0.289	28.3	#VALUE!	851.4412287
5439000	5/10/1998	333	333	1.62	546.54	502	3.1314%	TSS	--	0.289	28.3	#VALUE!	851.4412287
5439000	4/28/1999	331	331	1.62	543.31	505	3.1501%	TSS	--	0.289	28.3	#VALUE!	846.4027759
5439000	3/13/1929	331	331	1.62	543.31	505	3.1501%	TSS	--	0.289	28.3	#VALUE!	846.4027759
5439000	6/19/1929	331	331	1.62	543.31	505	3.1501%	TSS	--	0.289	28.3	#VALUE!	846.4027759
5439000	5/23/1987	331	331	1.62	543.31	505	3.1501%	TSS	--	0.289	28.3	#VALUE!	846.4027759
5439000	3/23/2007	331	331	1.62	543.31	505	3.1501%	TSS	--	0.289	28.3	#VALUE!	846.4027759
5439000	5/29/1984	330	330	1.62	541.69	510	3.1813%	TSS	--	0.289	28.3	#VALUE!	843.8835496
5439000	11/26/1992	329	329	1.62	540.07	511	3.1876%	TSS	--	0.289	28.3	#VALUE!	841.3643232
5439000	10/4/1926	328	328	1.62	538.45	512	3.1938%	TSS	--	0.289	28.3	#VALUE!	838.8450968

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/13/1982	328	328	1.62	538.45	512	3.1938%	TSS	--	0.289	28.3	#VALUE!	838.8450968
5439000	2/3/1927	328	328	1.62	538.45	512	3.1938%	TSS	--	0.289	28.3	#VALUE!	838.8450968
5439000	2/26/1930	328	328	1.62	538.45	512	3.1938%	TSS	--	0.289	28.3	#VALUE!	838.8450968
5439000	5/9/1933	328	328	1.62	538.45	512	3.1938%	TSS	--	0.289	28.3	#VALUE!	838.8450968
5439000	4/4/1982	328	328	1.62	538.45	512	3.1938%	TSS	--	0.289	28.3	#VALUE!	838.8450968
5439000	4/9/2008	328	328	1.62	538.45	512	3.1938%	TSS	--	0.289	28.3	#VALUE!	838.8450968
5439000	8/22/2007	327	327	1.62	536.84	519	3.2375%	TSS	--	0.289	28.3	#VALUE!	836.3258704
5439000	5/30/1982	326	326	1.62	535.22	520	3.2437%	TSS	--	0.289	28.3	#VALUE!	833.806644
5439000	3/1/1985	326	326	1.62	535.22	520	3.2437%	TSS	--	0.289	28.3	#VALUE!	833.806644
5439000	5/21/1986	326	326	1.62	535.22	520	3.2437%	TSS	--	0.289	28.3	#VALUE!	833.806644
5439000	4/29/1981	324	324	1.62	531.99	523	3.2624%	TSS	--	0.289	28.3	#VALUE!	828.7681913
5439000	3/7/1985	323	323	1.62	530.37	524	3.2687%	TSS	--	0.289	28.3	#VALUE!	826.2489649
5439000	12/3/1985	322	322	1.62	528.75	525	3.2749%	TSS	--	0.289	28.3	#VALUE!	823.7297385
5439000	1/24/2010	322	322	1.62	528.75	525	3.2749%	TSS	--	0.289	28.3	#VALUE!	823.7297385
5439000	4/16/1999	321	321	1.62	527.14	527	3.2874%	TSS	--	0.289	28.3	#VALUE!	821.2105121
5439000	7/7/1983	321	321	1.62	527.14	527	3.2874%	TSS	--	0.289	28.3	#VALUE!	821.2105121
5439000	5/14/1999	321	321	1.62	527.14	527	3.2874%	TSS	--	0.289	28.3	#VALUE!	821.2105121
5439000	3/19/2014	321	321	1.62	527.14	527	3.2874%	TSS	--	0.289	28.3	#VALUE!	821.2105121
5439000	12/16/1992	320	320	1.62	525.52	531	3.3123%	TSS	--	0.289	28.3	#VALUE!	818.6912857
5439000	9/15/1980	320	320	1.62	525.52	531	3.3123%	TSS	--	0.289	28.3	#VALUE!	818.6912857
5439000	2/20/2011	320	320	1.62	525.52	531	3.3123%	TSS	--	0.289	28.3	#VALUE!	818.6912857
5439000	3/19/1998	319	319	1.62	523.90	534	3.3310%	TSS	--	0.289	28.3	#VALUE!	816.1720593
5439000	7/3/1982	319	319	1.62	523.90	534	3.3310%	TSS	--	0.289	28.3	#VALUE!	816.1720593
5439000	5/27/1996	319	319	1.62	523.90	534	3.3310%	TSS	--	0.289	28.3	#VALUE!	816.1720593
5439000	4/26/2007	319	319	1.62	523.90	534	3.3310%	TSS	--	0.289	28.3	#VALUE!	816.1720593
5439000	3/5/2008	319	319	1.62	523.90	534	3.3310%	TSS	--	0.289	28.3	#VALUE!	816.1720593
5439000	3/15/1929	318	318	1.62	522.28	539	3.3622%	TSS	--	0.289	28.3	#VALUE!	813.652833
5439000	11/21/1928	318	318	1.62	522.28	539	3.3622%	TSS	--	0.289	28.3	#VALUE!	813.652833
5439000	6/21/1993	318	318	1.62	522.28	539	3.3622%	TSS	--	0.289	28.3	#VALUE!	813.652833
5439000	4/27/1995	318	318	1.62	522.28	539	3.3622%	TSS	--	0.289	28.3	#VALUE!	813.652833
5439000	5/8/1933	316	316	1.62	519.05	543	3.3872%	TSS	--	0.289	28.3	#VALUE!	808.6143802
5439000	11/23/1931	316	316	1.62	519.05	543	3.3872%	TSS	--	0.289	28.3	#VALUE!	808.6143802

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/23/1981	316	316	1.62	519.05	543	3.3872%	TSS	--	0.289	28.3	#VALUE!	808.6143802
5439000	4/11/1983	316	316	1.62	519.05	543	3.3872%	TSS	--	0.289	28.3	#VALUE!	808.6143802
5439000	3/5/2004	316	316	1.62	519.05	543	3.3872%	TSS	--	0.289	28.3	#VALUE!	808.6143802
5439000	5/28/1927	315	315	1.62	517.43	548	3.4184%	TSS	--	0.289	28.3	#VALUE!	806.0951538
5439000	4/20/2009	315	315	1.62	517.43	548	3.4184%	TSS	--	0.289	28.3	#VALUE!	806.0951538
5439000	8/10/1980	315	315	1.62	517.43	548	3.4184%	TSS	--	0.289	28.3	#VALUE!	806.0951538
5439000	6/17/1996	315	315	1.62	517.43	548	3.4184%	TSS	--	0.289	28.3	#VALUE!	806.0951538
5439000	4/22/1998	315	315	1.62	517.43	548	3.4184%	TSS	--	0.289	28.3	#VALUE!	806.0951538
5439000	6/11/1993	314	314	1.62	515.82	553	3.4496%	TSS	--	0.289	28.3	#VALUE!	803.5759274
5439000	5/25/1996	314	314	1.62	515.82	553	3.4496%	TSS	--	0.289	28.3	#VALUE!	803.5759274
5439000	3/24/2007	314	314	1.62	515.82	553	3.4496%	TSS	--	0.289	28.3	#VALUE!	803.5759274
5439000	5/25/1983	313	313	1.62	514.20	556	3.4683%	TSS	--	0.289	28.3	#VALUE!	801.056701
5439000	2/19/1984	313	313	1.62	514.20	556	3.4683%	TSS	--	0.289	28.3	#VALUE!	801.056701
5439000	7/12/1986	313	313	1.62	514.20	556	3.4683%	TSS	--	0.289	28.3	#VALUE!	801.056701
5439000	4/25/1999	313	313	1.62	514.20	556	3.4683%	TSS	--	0.289	28.3	#VALUE!	801.056701
5439000	5/26/1996	312	312	1.62	512.58	560	3.4932%	TSS	--	0.289	28.3	#VALUE!	798.5374747
5439000	6/4/1996	312	312	1.62	512.58	560	3.4932%	TSS	--	0.289	28.3	#VALUE!	798.5374747
5439000	4/30/2009	312	312	1.62	512.58	560	3.4932%	TSS	--	0.289	28.3	#VALUE!	798.5374747
5439000	2/21/2011	312	312	1.62	512.58	560	3.4932%	TSS	--	0.289	28.3	#VALUE!	798.5374747
5439000	3/17/1982	311	311	1.62	510.96	564	3.5182%	TSS	--	0.289	28.3	#VALUE!	796.0182483
5439000	2/12/2001	311	311	1.62	510.96	564	3.5182%	TSS	--	0.289	28.3	#VALUE!	796.0182483
5439000	3/29/1983	311	311	1.62	510.96	564	3.5182%	TSS	--	0.289	28.3	#VALUE!	796.0182483
5439000	8/20/1987	311	311	1.62	510.96	564	3.5182%	TSS	--	0.289	28.3	#VALUE!	796.0182483
5439000	7/23/1996	311	311	1.62	510.96	564	3.5182%	TSS	--	0.289	28.3	#VALUE!	796.0182483
5439000	3/9/2002	311	311	1.62	510.96	564	3.5182%	TSS	--	0.289	28.3	#VALUE!	796.0182483
5439000	5/11/1995	310	310	1.62	509.35	570	3.5556%	TSS	--	0.289	28.3	#VALUE!	793.4990219
5439000	6/16/1929	310	310	1.62	509.35	570	3.5556%	TSS	--	0.289	28.3	#VALUE!	793.4990219
5439000	6/1/1991	310	310	1.62	509.35	570	3.5556%	TSS	--	0.289	28.3	#VALUE!	793.4990219
5439000	4/2/2009	310	310	1.62	509.35	570	3.5556%	TSS	--	0.289	28.3	#VALUE!	793.4990219
5439000	4/17/1999	309	309	1.62	507.73	574	3.5806%	TSS	--	0.289	28.3	#VALUE!	790.9797955
5439000	4/23/2013	309	309	1.62	507.73	574	3.5806%	TSS	--	0.289	28.3	#VALUE!	790.9797955
5439000	8/20/1980	309	309	1.62	507.73	574	3.5806%	TSS	--	0.289	28.3	#VALUE!	790.9797955

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/8/1993	309	309	1.62	507.73	574	3.5806%	TSS	--	0.289	28.3	#VALUE!	790.9797955
5439000	6/8/2002	309	309	1.62	507.73	574	3.5806%	TSS	--	0.289	28.3	#VALUE!	790.9797955
5439000	5/16/2009	309	309	1.62	507.73	574	3.5806%	TSS	--	0.289	28.3	#VALUE!	790.9797955
5439000	5/16/2011	309	309	1.62	507.73	574	3.5806%	TSS	--	0.289	28.3	#VALUE!	790.9797955
5439000	6/4/2008	308	308	1.62	506.11	581	3.6242%	TSS	--	0.289	28.3	#VALUE!	788.4605691
5439000	12/25/1982	308	308	1.62	506.11	581	3.6242%	TSS	--	0.289	28.3	#VALUE!	788.4605691
5439000	4/10/1993	308	308	1.62	506.11	581	3.6242%	TSS	--	0.289	28.3	#VALUE!	788.4605691
5439000	6/25/2000	308	308	1.62	506.11	581	3.6242%	TSS	--	0.289	28.3	#VALUE!	788.4605691
5439000	11/10/2011	307	307	1.62	504.50	585	3.6492%	TSS	--	0.289	28.3	#VALUE!	785.9413428
5439000	6/8/1996	307	307	1.62	504.50	585	3.6492%	TSS	--	0.289	28.3	#VALUE!	785.9413428
5439000	6/1/2000	307	307	1.62	504.50	585	3.6492%	TSS	--	0.289	28.3	#VALUE!	785.9413428
5439000	5/25/2004	307	307	1.62	504.50	585	3.6492%	TSS	--	0.289	28.3	#VALUE!	785.9413428
5439000	3/3/1997	306	306	1.62	502.88	589	3.6741%	TSS	--	0.289	28.3	#VALUE!	783.4221164
5439000	3/16/1990	305	305	1.62	501.26	590	3.6804%	TSS	--	0.289	28.3	#VALUE!	780.90289
5439000	4/30/1927	303	303	1.62	498.03	591	3.6866%	TSS	--	0.289	28.3	#VALUE!	775.8644372
5439000	5/13/2008	303	303	1.62	498.03	591	3.6866%	TSS	--	0.289	28.3	#VALUE!	775.8644372
5439000	4/18/1927	303	303	1.62	498.03	591	3.6866%	TSS	--	0.289	28.3	#VALUE!	775.8644372
5439000	7/8/1986	303	303	1.62	498.03	591	3.6866%	TSS	--	0.289	28.3	#VALUE!	775.8644372
5439000	9/7/1989	303	303	1.62	498.03	591	3.6866%	TSS	--	0.289	28.3	#VALUE!	775.8644372
5439000	3/18/1998	303	303	1.62	498.03	591	3.6866%	TSS	--	0.289	28.3	#VALUE!	775.8644372
5439000	6/27/1994	302	302	1.62	496.41	597	3.7240%	TSS	--	0.289	28.3	#VALUE!	773.3452108
5439000	3/16/2001	302	302	1.62	496.41	597	3.7240%	TSS	--	0.289	28.3	#VALUE!	773.3452108
5439000	3/2/1985	301	301	1.62	494.79	599	3.7365%	TSS	--	0.289	28.3	#VALUE!	770.8259845
5439000	5/31/1980	300	300	1.62	493.18	600	3.7427%	TSS	--	0.289	28.3	#VALUE!	768.3067581
5439000	12/16/2011	300	300	1.62	493.18	600	3.7427%	TSS	--	0.289	28.3	#VALUE!	768.3067581
5439000	2/23/1985	300	300	1.62	493.18	600	3.7427%	TSS	--	0.289	28.3	#VALUE!	768.3067581
5439000	12/20/1987	300	300	1.62	493.18	600	3.7427%	TSS	--	0.289	28.3	#VALUE!	768.3067581
5439000	11/13/1992	300	300	1.62	493.18	600	3.7427%	TSS	--	0.289	28.3	#VALUE!	768.3067581
5439000	11/9/2011	299	299	1.62	491.56	605	3.7739%	TSS	--	0.289	28.3	#VALUE!	765.7875317
5439000	8/6/1989	299	299	1.62	491.56	605	3.7739%	TSS	--	0.289	28.3	#VALUE!	765.7875317
5439000	6/11/1998	299	299	1.62	491.56	605	3.7739%	TSS	--	0.289	28.3	#VALUE!	765.7875317
5439000	4/22/1999	299	299	1.62	491.56	605	3.7739%	TSS	--	0.289	28.3	#VALUE!	765.7875317

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/12/2004	298	298	1.62	489.94	609	3.7989%	TSS	--	0.289	28.3	#VALUE!	763.2683053
5439000	3/13/2007	298	298	1.62	489.94	609	3.7989%	TSS	--	0.289	28.3	#VALUE!	763.2683053
5439000	3/26/2009	298	298	1.62	489.94	609	3.7989%	TSS	--	0.289	28.3	#VALUE!	763.2683053
5439000	11/21/1992	297	297	1.62	488.32	612	3.8176%	TSS	--	0.289	28.3	#VALUE!	760.7490789
5439000	5/26/1995	297	297	1.62	488.32	612	3.8176%	TSS	--	0.289	28.3	#VALUE!	760.7490789
5439000	8/14/1980	296	296	1.62	486.71	614	3.8301%	TSS	--	0.289	28.3	#VALUE!	758.2298525
5439000	6/3/1999	296	296	1.62	486.71	614	3.8301%	TSS	--	0.289	28.3	#VALUE!	758.2298525
5439000	5/29/1980	295	295	1.62	485.09	616	3.8426%	TSS	--	0.289	28.3	#VALUE!	755.7106262
5439000	2/17/2008	295	295	1.62	485.09	616	3.8426%	TSS	--	0.289	28.3	#VALUE!	755.7106262
5439000	1/6/1993	294	294	1.62	483.47	618	3.8550%	TSS	--	0.289	28.3	#VALUE!	753.1913998
5439000	8/21/1987	294	294	1.62	483.47	618	3.8550%	TSS	--	0.289	28.3	#VALUE!	753.1913998
5439000	12/10/1987	294	294	1.62	483.47	618	3.8550%	TSS	--	0.289	28.3	#VALUE!	753.1913998
5439000	3/15/2010	294	294	1.62	483.47	618	3.8550%	TSS	--	0.289	28.3	#VALUE!	753.1913998
5439000	11/22/1985	293	293	1.62	481.86	622	3.8800%	TSS	--	0.289	28.3	#VALUE!	750.6721734
5439000	5/17/2002	293	293	1.62	481.86	622	3.8800%	TSS	--	0.289	28.3	#VALUE!	750.6721734
5439000	12/14/1928	292	292	1.62	480.24	624	3.8925%	TSS	--	0.289	28.3	#VALUE!	748.152947
5439000	2/25/1930	292	292	1.62	480.24	624	3.8925%	TSS	--	0.289	28.3	#VALUE!	748.152947
5439000	12/17/1928	292	292	1.62	480.24	624	3.8925%	TSS	--	0.289	28.3	#VALUE!	748.152947
5439000	3/7/1929	292	292	1.62	480.24	624	3.8925%	TSS	--	0.289	28.3	#VALUE!	748.152947
5439000	3/19/1929	292	292	1.62	480.24	624	3.8925%	TSS	--	0.289	28.3	#VALUE!	748.152947
5439000	4/21/1930	292	292	1.62	480.24	624	3.8925%	TSS	--	0.289	28.3	#VALUE!	748.152947
5439000	2/12/1932	292	292	1.62	480.24	624	3.8925%	TSS	--	0.289	28.3	#VALUE!	748.152947
5439000	12/25/1932	292	292	1.62	480.24	624	3.8925%	TSS	--	0.289	28.3	#VALUE!	748.152947
5439000	4/11/1926	291	291	1.62	478.62	632	3.9424%	TSS	--	0.289	28.3	#VALUE!	745.6337206
5439000	3/28/1993	291	291	1.62	478.62	632	3.9424%	TSS	--	0.289	28.3	#VALUE!	745.6337206
5439000	11/19/1926	291	291	1.62	478.62	632	3.9424%	TSS	--	0.289	28.3	#VALUE!	745.6337206
5439000	11/26/1926	291	291	1.62	478.62	632	3.9424%	TSS	--	0.289	28.3	#VALUE!	745.6337206
5439000	2/4/1927	291	291	1.62	478.62	632	3.9424%	TSS	--	0.289	28.3	#VALUE!	745.6337206
5439000	6/30/1993	291	291	1.62	478.62	632	3.9424%	TSS	--	0.289	28.3	#VALUE!	745.6337206
5439000	2/12/1998	290	290	1.62	477.01	638	3.9798%	TSS	--	0.289	28.3	#VALUE!	743.1144943
5439000	3/21/1982	290	290	1.62	477.01	638	3.9798%	TSS	--	0.289	28.3	#VALUE!	743.1144943
5439000	4/23/1987	290	290	1.62	477.01	638	3.9798%	TSS	--	0.289	28.3	#VALUE!	743.1144943

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/22/1992	289	289	1.62	475.39	641	3.9985%	TSS	--	0.289	28.3	#VALUE!	740.5952679
5439000	3/19/1982	289	289	1.62	475.39	641	3.9985%	TSS	--	0.289	28.3	#VALUE!	740.5952679
5439000	12/9/1982	289	289	1.62	475.39	641	3.9985%	TSS	--	0.289	28.3	#VALUE!	740.5952679
5439000	2/17/1984	289	289	1.62	475.39	641	3.9985%	TSS	--	0.289	28.3	#VALUE!	740.5952679
5439000	5/13/2003	289	289	1.62	475.39	641	3.9985%	TSS	--	0.289	28.3	#VALUE!	740.5952679
5439000	9/16/1980	288	288	1.62	473.77	646	4.0297%	TSS	--	0.289	28.3	#VALUE!	738.0760415
5439000	4/1/1998	288	288	1.62	473.77	646	4.0297%	TSS	--	0.289	28.3	#VALUE!	738.0760415
5439000	5/29/1991	287	287	1.62	472.15	648	4.0422%	TSS	--	0.289	28.3	#VALUE!	735.5568151
5439000	5/16/2010	286	286	1.62	470.54	649	4.0484%	TSS	--	0.289	28.3	#VALUE!	733.0375887
5439000	4/9/1998	286	286	1.62	470.54	649	4.0484%	TSS	--	0.289	28.3	#VALUE!	733.0375887
5439000	1/28/1999	286	286	1.62	470.54	649	4.0484%	TSS	--	0.289	28.3	#VALUE!	733.0375887
5439000	5/2/2009	286	286	1.62	470.54	649	4.0484%	TSS	--	0.289	28.3	#VALUE!	733.0375887
5439000	6/2/2011	285	285	1.62	468.92	653	4.0734%	TSS	--	0.289	28.3	#VALUE!	730.5183623
5439000	9/19/1980	285	285	1.62	468.92	653	4.0734%	TSS	--	0.289	28.3	#VALUE!	730.5183623
5439000	4/5/1993	285	285	1.62	468.92	653	4.0734%	TSS	--	0.289	28.3	#VALUE!	730.5183623
5439000	9/28/1993	285	285	1.62	468.92	653	4.0734%	TSS	--	0.289	28.3	#VALUE!	730.5183623
5439000	6/23/2014	285	285	1.62	468.92	653	4.0734%	TSS	--	0.289	28.3	#VALUE!	730.5183623
5439000	11/13/1985	284	284	1.62	467.30	658	4.1045%	TSS	--	0.289	28.3	#VALUE!	727.999136
5439000	9/15/1993	283	283	1.62	465.69	659	4.1108%	TSS	--	0.289	28.3	#VALUE!	725.4799096
5439000	6/16/1993	283	283	1.62	465.69	659	4.1108%	TSS	--	0.289	28.3	#VALUE!	725.4799096
5439000	6/24/2010	282	282	1.62	464.07	661	4.1233%	TSS	--	0.289	28.3	#VALUE!	722.9606832
5439000	11/30/1991	282	282	1.62	464.07	661	4.1233%	TSS	--	0.289	28.3	#VALUE!	722.9606832
5439000	11/8/1994	282	282	1.62	464.07	661	4.1233%	TSS	--	0.289	28.3	#VALUE!	722.9606832
5439000	12/24/2007	282	282	1.62	464.07	661	4.1233%	TSS	--	0.289	28.3	#VALUE!	722.9606832
5439000	3/10/2013	282	282	1.62	464.07	661	4.1233%	TSS	--	0.289	28.3	#VALUE!	722.9606832
5439000	12/21/1987	281	281	1.62	462.45	666	4.1545%	TSS	--	0.289	28.3	#VALUE!	720.4414568
5439000	4/25/2013	281	281	1.62	462.45	666	4.1545%	TSS	--	0.289	28.3	#VALUE!	720.4414568
5439000	3/22/1929	280	280	1.62	460.83	668	4.1669%	TSS	--	0.289	28.3	#VALUE!	717.9222304
5439000	7/3/1933	280	280	1.62	460.83	668	4.1669%	TSS	--	0.289	28.3	#VALUE!	717.9222304
5439000	8/31/2007	280	280	1.62	460.83	668	4.1669%	TSS	--	0.289	28.3	#VALUE!	717.9222304
5439000	3/23/1929	280	280	1.62	460.83	668	4.1669%	TSS	--	0.289	28.3	#VALUE!	717.9222304
5439000	3/29/1932	280	280	1.62	460.83	668	4.1669%	TSS	--	0.289	28.3	#VALUE!	717.9222304

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/24/1932	280	280	1.62	460.83	668	4.1669%	TSS	--	0.289	28.3	#VALUE!	717.9222304
5439000	4/8/1983	280	280	1.62	460.83	668	4.1669%	TSS	--	0.289	28.3	#VALUE!	717.9222304
5439000	6/25/1996	280	280	1.62	460.83	668	4.1669%	TSS	--	0.289	28.3	#VALUE!	717.9222304
5439000	2/12/1999	280	280	1.62	460.83	668	4.1669%	TSS	--	0.289	28.3	#VALUE!	717.9222304
5439000	7/4/2014	280	280	1.62	460.83	668	4.1669%	TSS	--	0.289	28.3	#VALUE!	717.9222304
5439000	10/3/1926	279	279	1.62	459.22	678	4.2293%	TSS	--	0.289	28.3	#VALUE!	715.403004
5439000	8/22/1987	279	279	1.62	459.22	678	4.2293%	TSS	--	0.289	28.3	#VALUE!	715.403004
5439000	4/8/1926	279	279	1.62	459.22	678	4.2293%	TSS	--	0.289	28.3	#VALUE!	715.403004
5439000	9/26/1926	279	279	1.62	459.22	678	4.2293%	TSS	--	0.289	28.3	#VALUE!	715.403004
5439000	11/27/1926	279	279	1.62	459.22	678	4.2293%	TSS	--	0.289	28.3	#VALUE!	715.403004
5439000	7/6/1928	279	279	1.62	459.22	678	4.2293%	TSS	--	0.289	28.3	#VALUE!	715.403004
5439000	7/21/1928	279	279	1.62	459.22	678	4.2293%	TSS	--	0.289	28.3	#VALUE!	715.403004
5439000	1/22/1988	279	279	1.62	459.22	678	4.2293%	TSS	--	0.289	28.3	#VALUE!	715.403004
5439000	5/16/2004	279	279	1.62	459.22	678	4.2293%	TSS	--	0.289	28.3	#VALUE!	715.403004
5439000	11/24/1992	278	278	1.62	457.60	687	4.2854%	TSS	--	0.289	28.3	#VALUE!	712.8837777
5439000	4/17/1982	278	278	1.62	457.60	687	4.2854%	TSS	--	0.289	28.3	#VALUE!	712.8837777
5439000	6/20/1996	278	278	1.62	457.60	687	4.2854%	TSS	--	0.289	28.3	#VALUE!	712.8837777
5439000	9/20/2008	278	278	1.62	457.60	687	4.2854%	TSS	--	0.289	28.3	#VALUE!	712.8837777
5439000	3/18/2014	277	277	1.62	455.98	691	4.3104%	TSS	--	0.289	28.3	#VALUE!	710.3645513
5439000	4/22/1993	277	277	1.62	455.98	691	4.3104%	TSS	--	0.289	28.3	#VALUE!	710.3645513
5439000	3/20/2014	277	277	1.62	455.98	691	4.3104%	TSS	--	0.289	28.3	#VALUE!	710.3645513
5439000	5/28/1982	276	276	1.62	454.37	694	4.3291%	TSS	--	0.289	28.3	#VALUE!	707.8453249
5439000	5/31/1991	276	276	1.62	454.37	694	4.3291%	TSS	--	0.289	28.3	#VALUE!	707.8453249
5439000	11/28/1983	275	275	1.62	452.75	696	4.3416%	TSS	--	0.289	28.3	#VALUE!	705.3260985
5439000	1/26/2010	274	274	1.62	451.13	697	4.3478%	TSS	--	0.289	28.3	#VALUE!	702.8068721
5439000	3/31/1988	274	274	1.62	451.13	697	4.3478%	TSS	--	0.289	28.3	#VALUE!	702.8068721
5439000	4/18/1998	274	274	1.62	451.13	697	4.3478%	TSS	--	0.289	28.3	#VALUE!	702.8068721
5439000	5/15/2002	274	274	1.62	451.13	697	4.3478%	TSS	--	0.289	28.3	#VALUE!	702.8068721
5439000	4/27/2011	274	274	1.62	451.13	697	4.3478%	TSS	--	0.289	28.3	#VALUE!	702.8068721
5439000	6/22/2015	274	274	1.62	451.13	697	4.3478%	TSS	--	0.289	28.3	#VALUE!	702.8068721
5439000	6/19/2014	273	273	1.62	449.51	703	4.3853%	TSS	--	0.289	28.3	#VALUE!	700.2876458
5439000	3/20/1991	273	273	1.62	449.51	703	4.3853%	TSS	--	0.289	28.3	#VALUE!	700.2876458

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/2/2009	272	272	1.62	447.90	705	4.3977%	TSS	--	0.289	28.3	#VALUE!	697.7684194
5439000	11/16/1985	272	272	1.62	447.90	705	4.3977%	TSS	--	0.289	28.3	#VALUE!	697.7684194
5439000	11/18/1985	272	272	1.62	447.90	705	4.3977%	TSS	--	0.289	28.3	#VALUE!	697.7684194
5439000	5/12/1990	272	272	1.62	447.90	705	4.3977%	TSS	--	0.289	28.3	#VALUE!	697.7684194
5439000	1/24/1993	271	271	1.62	446.28	709	4.4227%	TSS	--	0.289	28.3	#VALUE!	695.249193
5439000	3/1/2007	271	271	1.62	446.28	709	4.4227%	TSS	--	0.289	28.3	#VALUE!	695.249193
5439000	1/10/2008	271	271	1.62	446.28	709	4.4227%	TSS	--	0.289	28.3	#VALUE!	695.249193
5439000	8/11/1980	270	270	1.62	444.66	712	4.4414%	TSS	--	0.289	28.3	#VALUE!	692.7299666
5439000	3/8/1985	270	270	1.62	444.66	712	4.4414%	TSS	--	0.289	28.3	#VALUE!	692.7299666
5439000	3/12/1986	270	270	1.62	444.66	712	4.4414%	TSS	--	0.289	28.3	#VALUE!	692.7299666
5439000	5/1/2003	270	270	1.62	444.66	712	4.4414%	TSS	--	0.289	28.3	#VALUE!	692.7299666
5439000	3/30/1983	269	269	1.62	443.05	716	4.4663%	TSS	--	0.289	28.3	#VALUE!	690.2107402
5439000	3/13/2009	269	269	1.62	443.05	716	4.4663%	TSS	--	0.289	28.3	#VALUE!	690.2107402
5439000	3/8/1993	269	269	1.62	443.05	716	4.4663%	TSS	--	0.289	28.3	#VALUE!	690.2107402
5439000	6/13/1998	269	269	1.62	443.05	716	4.4663%	TSS	--	0.289	28.3	#VALUE!	690.2107402
5439000	7/3/2000	269	269	1.62	443.05	716	4.4663%	TSS	--	0.289	28.3	#VALUE!	690.2107402
5439000	3/6/2011	269	269	1.62	443.05	716	4.4663%	TSS	--	0.289	28.3	#VALUE!	690.2107402
5439000	4/23/1929	268	268	1.62	441.43	722	4.5038%	TSS	--	0.289	28.3	#VALUE!	687.6915138
5439000	5/2/1933	268	268	1.62	441.43	722	4.5038%	TSS	--	0.289	28.3	#VALUE!	687.6915138
5439000	5/7/2015	268	268	1.62	441.43	722	4.5038%	TSS	--	0.289	28.3	#VALUE!	687.6915138
5439000	11/22/1928	268	268	1.62	441.43	722	4.5038%	TSS	--	0.289	28.3	#VALUE!	687.6915138
5439000	3/1/1929	268	268	1.62	441.43	722	4.5038%	TSS	--	0.289	28.3	#VALUE!	687.6915138
5439000	4/18/1930	268	268	1.62	441.43	722	4.5038%	TSS	--	0.289	28.3	#VALUE!	687.6915138
5439000	6/23/1931	268	268	1.62	441.43	722	4.5038%	TSS	--	0.289	28.3	#VALUE!	687.6915138
5439000	11/24/1931	268	268	1.62	441.43	722	4.5038%	TSS	--	0.289	28.3	#VALUE!	687.6915138
5439000	5/10/1933	268	268	1.62	441.43	722	4.5038%	TSS	--	0.289	28.3	#VALUE!	687.6915138
5439000	10/23/2009	268	268	1.62	441.43	722	4.5038%	TSS	--	0.289	28.3	#VALUE!	687.6915138
5439000	6/13/2011	268	268	1.62	441.43	722	4.5038%	TSS	--	0.289	28.3	#VALUE!	687.6915138
5439000	3/12/1927	267	267	1.62	439.81	733	4.5724%	TSS	--	0.289	28.3	#VALUE!	685.1722875
5439000	12/26/1982	267	267	1.62	439.81	733	4.5724%	TSS	--	0.289	28.3	#VALUE!	685.1722875
5439000	5/16/2002	267	267	1.62	439.81	733	4.5724%	TSS	--	0.289	28.3	#VALUE!	685.1722875
5439000	2/27/1926	267	267	1.62	439.81	733	4.5724%	TSS	--	0.289	28.3	#VALUE!	685.1722875

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/14/1926	267	267	1.62	439.81	733	4.5724%	TSS	--	0.289	28.3	#VALUE!	685.1722875
5439000	10/6/1926	267	267	1.62	439.81	733	4.5724%	TSS	--	0.289	28.3	#VALUE!	685.1722875
5439000	4/22/1927	267	267	1.62	439.81	733	4.5724%	TSS	--	0.289	28.3	#VALUE!	685.1722875
5439000	6/4/1927	267	267	1.62	439.81	733	4.5724%	TSS	--	0.289	28.3	#VALUE!	685.1722875
5439000	10/8/1927	267	267	1.62	439.81	733	4.5724%	TSS	--	0.289	28.3	#VALUE!	685.1722875
5439000	11/14/1985	267	267	1.62	439.81	733	4.5724%	TSS	--	0.289	28.3	#VALUE!	685.1722875
5439000	11/30/1990	267	267	1.62	439.81	733	4.5724%	TSS	--	0.289	28.3	#VALUE!	685.1722875
5439000	3/2/1991	267	267	1.62	439.81	733	4.5724%	TSS	--	0.289	28.3	#VALUE!	685.1722875
5439000	5/20/2004	267	267	1.62	439.81	733	4.5724%	TSS	--	0.289	28.3	#VALUE!	685.1722875
5439000	4/14/2008	267	267	1.62	439.81	733	4.5724%	TSS	--	0.289	28.3	#VALUE!	685.1722875
5439000	12/29/2009	266	266	1.62	438.19	747	4.6597%	TSS	--	0.289	28.3	#VALUE!	682.6530611
5439000	5/27/1995	266	266	1.62	438.19	747	4.6597%	TSS	--	0.289	28.3	#VALUE!	682.6530611
5439000	6/29/2013	266	266	1.62	438.19	747	4.6597%	TSS	--	0.289	28.3	#VALUE!	682.6530611
5439000	3/6/2004	265	265	1.62	436.58	750	4.6784%	TSS	--	0.289	28.3	#VALUE!	680.1338347
5439000	4/9/1988	265	265	1.62	436.58	750	4.6784%	TSS	--	0.289	28.3	#VALUE!	680.1338347
5439000	2/25/1997	265	265	1.62	436.58	750	4.6784%	TSS	--	0.289	28.3	#VALUE!	680.1338347
5439000	4/21/2011	265	265	1.62	436.58	750	4.6784%	TSS	--	0.289	28.3	#VALUE!	680.1338347
5439000	1/26/1999	264	264	1.62	434.96	754	4.7034%	TSS	--	0.289	28.3	#VALUE!	677.6146083
5439000	6/6/2001	264	264	1.62	434.96	754	4.7034%	TSS	--	0.289	28.3	#VALUE!	677.6146083
5439000	11/11/1985	263	263	1.62	433.34	756	4.7159%	TSS	--	0.289	28.3	#VALUE!	675.0953819
5439000	9/1/1987	263	263	1.62	433.34	756	4.7159%	TSS	--	0.289	28.3	#VALUE!	675.0953819
5439000	6/3/1989	263	263	1.62	433.34	756	4.7159%	TSS	--	0.289	28.3	#VALUE!	675.0953819
5439000	4/23/2011	263	263	1.62	433.34	756	4.7159%	TSS	--	0.289	28.3	#VALUE!	675.0953819
5439000	3/25/2007	262	262	1.62	431.73	760	4.7408%	TSS	--	0.289	28.3	#VALUE!	672.5761555
5439000	3/29/2009	262	262	1.62	431.73	760	4.7408%	TSS	--	0.289	28.3	#VALUE!	672.5761555
5439000	3/10/2011	261	261	1.62	430.11	762	4.7533%	TSS	--	0.289	28.3	#VALUE!	670.0569292
5439000	5/13/1990	261	261	1.62	430.11	762	4.7533%	TSS	--	0.289	28.3	#VALUE!	670.0569292
5439000	7/30/1996	261	261	1.62	430.11	762	4.7533%	TSS	--	0.289	28.3	#VALUE!	670.0569292
5439000	4/26/2011	261	261	1.62	430.11	762	4.7533%	TSS	--	0.289	28.3	#VALUE!	670.0569292
5439000	6/12/1999	260	260	1.62	428.49	766	4.7782%	TSS	--	0.289	28.3	#VALUE!	667.5377028
5439000	12/26/1987	260	260	1.62	428.49	766	4.7782%	TSS	--	0.289	28.3	#VALUE!	667.5377028
5439000	6/4/1995	260	260	1.62	428.49	766	4.7782%	TSS	--	0.289	28.3	#VALUE!	667.5377028

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/4/2004	260	260	1.62	428.49	766	4.7782%	TSS	--	0.289	28.3	#VALUE!	667.5377028
5439000	6/28/2013	260	260	1.62	428.49	766	4.7782%	TSS	--	0.289	28.3	#VALUE!	667.5377028
5439000	4/21/2009	259	259	1.62	426.88	771	4.8094%	TSS	--	0.289	28.3	#VALUE!	665.0184764
5439000	6/2/2000	259	259	1.62	426.88	771	4.8094%	TSS	--	0.289	28.3	#VALUE!	665.0184764
5439000	12/18/1992	258	258	1.62	425.26	773	4.8219%	TSS	--	0.289	28.3	#VALUE!	662.49925
5439000	3/14/1982	258	258	1.62	425.26	773	4.8219%	TSS	--	0.289	28.3	#VALUE!	662.49925
5439000	4/12/1983	258	258	1.62	425.26	773	4.8219%	TSS	--	0.289	28.3	#VALUE!	662.49925
5439000	7/8/1983	258	258	1.62	425.26	773	4.8219%	TSS	--	0.289	28.3	#VALUE!	662.49925
5439000	4/28/2007	258	258	1.62	425.26	773	4.8219%	TSS	--	0.289	28.3	#VALUE!	662.49925
5439000	5/26/2008	258	258	1.62	425.26	773	4.8219%	TSS	--	0.289	28.3	#VALUE!	662.49925
5439000	4/11/2013	258	258	1.62	425.26	773	4.8219%	TSS	--	0.289	28.3	#VALUE!	662.49925
5439000	3/30/1932	257	257	1.62	423.64	780	4.8656%	TSS	--	0.289	28.3	#VALUE!	659.9800236
5439000	8/10/2007	257	257	1.62	423.64	780	4.8656%	TSS	--	0.289	28.3	#VALUE!	659.9800236
5439000	11/27/1992	257	257	1.62	423.64	780	4.8656%	TSS	--	0.289	28.3	#VALUE!	659.9800236
5439000	7/25/1993	257	257	1.62	423.64	780	4.8656%	TSS	--	0.289	28.3	#VALUE!	659.9800236
5439000	3/14/2007	257	257	1.62	423.64	780	4.8656%	TSS	--	0.289	28.3	#VALUE!	659.9800236
5439000	5/11/2015	257	257	1.62	423.64	780	4.8656%	TSS	--	0.289	28.3	#VALUE!	659.9800236
5439000	2/18/1984	256	256	1.62	422.02	786	4.9030%	TSS	--	0.289	28.3	#VALUE!	657.4607973
5439000	12/15/1928	256	256	1.62	422.02	786	4.9030%	TSS	--	0.289	28.3	#VALUE!	657.4607973
5439000	4/27/1929	256	256	1.62	422.02	786	4.9030%	TSS	--	0.289	28.3	#VALUE!	657.4607973
5439000	6/2/1991	256	256	1.62	422.02	786	4.9030%	TSS	--	0.289	28.3	#VALUE!	657.4607973
5439000	3/29/1993	256	256	1.62	422.02	786	4.9030%	TSS	--	0.289	28.3	#VALUE!	657.4607973
5439000	7/11/2000	256	256	1.62	422.02	786	4.9030%	TSS	--	0.289	28.3	#VALUE!	657.4607973
5439000	2/19/1926	255	255	1.62	420.41	792	4.9404%	TSS	--	0.289	28.3	#VALUE!	654.9415709
5439000	5/29/1927	255	255	1.62	420.41	792	4.9404%	TSS	--	0.289	28.3	#VALUE!	654.9415709
5439000	3/2/1926	255	255	1.62	420.41	792	4.9404%	TSS	--	0.289	28.3	#VALUE!	654.9415709
5439000	10/2/1926	255	255	1.62	420.41	792	4.9404%	TSS	--	0.289	28.3	#VALUE!	654.9415709
5439000	11/20/1926	255	255	1.62	420.41	792	4.9404%	TSS	--	0.289	28.3	#VALUE!	654.9415709
5439000	6/23/1928	255	255	1.62	420.41	792	4.9404%	TSS	--	0.289	28.3	#VALUE!	654.9415709
5439000	5/24/1996	254	254	1.62	418.79	798	4.9779%	TSS	--	0.289	28.3	#VALUE!	652.4223445
5439000	11/2/1987	254	254	1.62	418.79	798	4.9779%	TSS	--	0.289	28.3	#VALUE!	652.4223445
5439000	4/11/1995	254	254	1.62	418.79	798	4.9779%	TSS	--	0.289	28.3	#VALUE!	652.4223445

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/2/1999	254	254	1.62	418.79	798	4.9779%	TSS	--	0.289	28.3	#VALUE!	652.4223445
5439000	4/10/1998	253	253	1.62	417.17	802	5.0028%	TSS	--	0.289	28.3	#VALUE!	649.9031181
5439000	4/17/2013	253	253	1.62	417.17	802	5.0028%	TSS	--	0.289	28.3	#VALUE!	649.9031181
5439000	4/28/1995	253	253	1.62	417.17	802	5.0028%	TSS	--	0.289	28.3	#VALUE!	649.9031181
5439000	7/24/1996	253	253	1.62	417.17	802	5.0028%	TSS	--	0.289	28.3	#VALUE!	649.9031181
5439000	6/13/2004	253	253	1.62	417.17	802	5.0028%	TSS	--	0.289	28.3	#VALUE!	649.9031181
5439000	3/21/2007	253	253	1.62	417.17	802	5.0028%	TSS	--	0.289	28.3	#VALUE!	649.9031181
5439000	5/8/2012	253	253	1.62	417.17	802	5.0028%	TSS	--	0.289	28.3	#VALUE!	649.9031181
5439000	5/22/1986	252	252	1.62	415.56	809	5.0465%	TSS	--	0.289	28.3	#VALUE!	647.3838917
5439000	4/6/2010	252	252	1.62	415.56	809	5.0465%	TSS	--	0.289	28.3	#VALUE!	647.3838917
5439000	6/1/1980	252	252	1.62	415.56	809	5.0465%	TSS	--	0.289	28.3	#VALUE!	647.3838917
5439000	4/30/1981	252	252	1.62	415.56	809	5.0465%	TSS	--	0.289	28.3	#VALUE!	647.3838917
5439000	5/1/1981	252	252	1.62	415.56	809	5.0465%	TSS	--	0.289	28.3	#VALUE!	647.3838917
5439000	5/30/1995	252	252	1.62	415.56	809	5.0465%	TSS	--	0.289	28.3	#VALUE!	647.3838917
5439000	2/26/1997	252	252	1.62	415.56	809	5.0465%	TSS	--	0.289	28.3	#VALUE!	647.3838917
5439000	5/11/1998	252	252	1.62	415.56	809	5.0465%	TSS	--	0.289	28.3	#VALUE!	647.3838917
5439000	4/13/1995	251	251	1.62	413.94	817	5.0964%	TSS	--	0.289	28.3	#VALUE!	644.8646653
5439000	6/18/1981	251	251	1.62	413.94	817	5.0964%	TSS	--	0.289	28.3	#VALUE!	644.8646653
5439000	3/30/1988	251	251	1.62	413.94	817	5.0964%	TSS	--	0.289	28.3	#VALUE!	644.8646653
5439000	3/17/1990	251	251	1.62	413.94	817	5.0964%	TSS	--	0.289	28.3	#VALUE!	644.8646653
5439000	11/12/1995	251	251	1.62	413.94	817	5.0964%	TSS	--	0.289	28.3	#VALUE!	644.8646653
5439000	8/9/1996	250	250	1.62	412.32	822	5.1276%	TSS	--	0.289	28.3	#VALUE!	642.345439
5439000	2/2/1988	250	250	1.62	412.32	822	5.1276%	TSS	--	0.289	28.3	#VALUE!	642.345439
5439000	11/25/1992	250	250	1.62	412.32	822	5.1276%	TSS	--	0.289	28.3	#VALUE!	642.345439
5439000	5/26/2004	250	250	1.62	412.32	822	5.1276%	TSS	--	0.289	28.3	#VALUE!	642.345439
5439000	3/3/1985	249	249	1.62	410.70	826	5.1525%	TSS	--	0.289	28.3	#VALUE!	639.8262126
5439000	7/10/2000	249	249	1.62	410.70	826	5.1525%	TSS	--	0.289	28.3	#VALUE!	639.8262126
5439000	7/25/1982	249	249	1.62	410.70	826	5.1525%	TSS	--	0.289	28.3	#VALUE!	639.8262126
5439000	2/20/1983	249	249	1.62	410.70	826	5.1525%	TSS	--	0.289	28.3	#VALUE!	639.8262126
5439000	6/29/1990	249	249	1.62	410.70	826	5.1525%	TSS	--	0.289	28.3	#VALUE!	639.8262126
5439000	3/29/1991	249	249	1.62	410.70	826	5.1525%	TSS	--	0.289	28.3	#VALUE!	639.8262126
5439000	5/10/1996	249	249	1.62	410.70	826	5.1525%	TSS	--	0.289	28.3	#VALUE!	639.8262126

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/9/2008	249	249	1.62	410.70	826	5.1525%	TSS	--	0.289	28.3	#VALUE!	639.8262126
5439000	3/21/2014	249	249	1.62	410.70	826	5.1525%	TSS	--	0.289	28.3	#VALUE!	639.8262126
5439000	6/28/1982	248	248	1.62	409.09	835	5.2087%	TSS	--	0.289	28.3	#VALUE!	637.3069862
5439000	9/20/1980	248	248	1.62	409.09	835	5.2087%	TSS	--	0.289	28.3	#VALUE!	637.3069862
5439000	6/10/1998	248	248	1.62	409.09	835	5.2087%	TSS	--	0.289	28.3	#VALUE!	637.3069862
5439000	3/4/2007	248	248	1.62	409.09	835	5.2087%	TSS	--	0.289	28.3	#VALUE!	637.3069862
5439000	3/5/1986	247	247	1.62	407.47	839	5.2336%	TSS	--	0.289	28.3	#VALUE!	634.7877598
5439000	3/24/1929	246	246	1.62	405.85	840	5.2398%	TSS	--	0.289	28.3	#VALUE!	632.2685334
5439000	5/30/1981	246	246	1.62	405.85	840	5.2398%	TSS	--	0.289	28.3	#VALUE!	632.2685334
5439000	11/9/1994	246	246	1.62	405.85	840	5.2398%	TSS	--	0.289	28.3	#VALUE!	632.2685334
5439000	4/20/1930	246	246	1.62	405.85	840	5.2398%	TSS	--	0.289	28.3	#VALUE!	632.2685334
5439000	6/24/1931	246	246	1.62	405.85	840	5.2398%	TSS	--	0.289	28.3	#VALUE!	632.2685334
5439000	3/3/1932	246	246	1.62	405.85	840	5.2398%	TSS	--	0.289	28.3	#VALUE!	632.2685334
5439000	12/10/1982	246	246	1.62	405.85	840	5.2398%	TSS	--	0.289	28.3	#VALUE!	632.2685334
5439000	5/26/1983	246	246	1.62	405.85	840	5.2398%	TSS	--	0.289	28.3	#VALUE!	632.2685334
5439000	5/26/1984	246	246	1.62	405.85	840	5.2398%	TSS	--	0.289	28.3	#VALUE!	632.2685334
5439000	4/29/1999	246	246	1.62	405.85	840	5.2398%	TSS	--	0.289	28.3	#VALUE!	632.2685334
5439000	4/7/2010	246	246	1.62	405.85	840	5.2398%	TSS	--	0.289	28.3	#VALUE!	632.2685334
5439000	5/28/2011	246	246	1.62	405.85	840	5.2398%	TSS	--	0.289	28.3	#VALUE!	632.2685334
5439000	6/5/1996	245	245	1.62	404.24	852	5.3147%	TSS	--	0.289	28.3	#VALUE!	629.749307
5439000	2/14/2005	245	245	1.62	404.24	852	5.3147%	TSS	--	0.289	28.3	#VALUE!	629.749307
5439000	4/4/1929	244	244	1.62	402.62	854	5.3272%	TSS	--	0.289	28.3	#VALUE!	627.2300807
5439000	12/18/1928	244	244	1.62	402.62	854	5.3272%	TSS	--	0.289	28.3	#VALUE!	627.2300807
5439000	3/20/1929	244	244	1.62	402.62	854	5.3272%	TSS	--	0.289	28.3	#VALUE!	627.2300807
5439000	4/14/1983	244	244	1.62	402.62	854	5.3272%	TSS	--	0.289	28.3	#VALUE!	627.2300807
5439000	8/4/2010	244	244	1.62	402.62	854	5.3272%	TSS	--	0.289	28.3	#VALUE!	627.2300807
5439000	4/9/1928	243	243	1.62	401.00	859	5.3584%	TSS	--	0.289	28.3	#VALUE!	624.7108543
5439000	3/13/1927	243	243	1.62	401.00	859	5.3584%	TSS	--	0.289	28.3	#VALUE!	624.7108543
5439000	4/22/2000	243	243	1.62	401.00	859	5.3584%	TSS	--	0.289	28.3	#VALUE!	624.7108543
5439000	3/15/2008	243	243	1.62	401.00	859	5.3584%	TSS	--	0.289	28.3	#VALUE!	624.7108543
5439000	12/24/1987	242	242	1.62	399.38	863	5.3833%	TSS	--	0.289	28.3	#VALUE!	622.1916279
5439000	11/17/1985	242	242	1.62	399.38	863	5.3833%	TSS	--	0.289	28.3	#VALUE!	622.1916279

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/18/1993	242	242	1.62	399.38	863	5.3833%	TSS	--	0.289	28.3	#VALUE!	622.1916279
5439000	7/21/1993	242	242	1.62	399.38	863	5.3833%	TSS	--	0.289	28.3	#VALUE!	622.1916279
5439000	3/14/2015	242	242	1.62	399.38	863	5.3833%	TSS	--	0.289	28.3	#VALUE!	622.1916279
5439000	3/9/1985	241	241	1.62	397.77	868	5.4145%	TSS	--	0.289	28.3	#VALUE!	619.6724015
5439000	4/17/1991	241	241	1.62	397.77	868	5.4145%	TSS	--	0.289	28.3	#VALUE!	619.6724015
5439000	6/9/1996	241	241	1.62	397.77	868	5.4145%	TSS	--	0.289	28.3	#VALUE!	619.6724015
5439000	10/19/1998	240	240	1.62	396.15	871	5.4332%	TSS	--	0.289	28.3	#VALUE!	617.1531751
5439000	11/30/1987	240	240	1.62	396.15	871	5.4332%	TSS	--	0.289	28.3	#VALUE!	617.1531751
5439000	5/12/2010	240	240	1.62	396.15	871	5.4332%	TSS	--	0.289	28.3	#VALUE!	617.1531751
5439000	10/24/2009	239	239	1.62	394.53	874	5.4519%	TSS	--	0.289	28.3	#VALUE!	614.6339488
5439000	4/13/1983	239	239	1.62	394.53	874	5.4519%	TSS	--	0.289	28.3	#VALUE!	614.6339488
5439000	6/2/1995	239	239	1.62	394.53	874	5.4519%	TSS	--	0.289	28.3	#VALUE!	614.6339488
5439000	4/3/2009	238	238	1.62	392.92	877	5.4707%	TSS	--	0.289	28.3	#VALUE!	612.1147224
5439000	6/17/2000	238	238	1.62	392.92	877	5.4707%	TSS	--	0.289	28.3	#VALUE!	612.1147224
5439000	2/28/2001	238	238	1.62	392.92	877	5.4707%	TSS	0.26	0.289	28.3	550.6914457	612.1147224
5439000	3/9/2007	238	238	1.62	392.92	877	5.4707%	TSS	--	0.289	28.3	#VALUE!	612.1147224
5439000	12/14/2011	238	238	1.62	392.92	877	5.4707%	TSS	--	0.289	28.3	#VALUE!	612.1147224
5439000	6/30/2014	238	238	1.62	392.92	877	5.4707%	TSS	--	0.289	28.3	#VALUE!	612.1147224
5439000	5/2/1983	237	237	1.62	391.30	883	5.5081%	TSS	--	0.289	28.3	#VALUE!	609.595496
5439000	4/23/1998	237	237	1.62	391.30	883	5.5081%	TSS	--	0.289	28.3	#VALUE!	609.595496
5439000	3/19/1983	237	237	1.62	391.30	883	5.5081%	TSS	--	0.289	28.3	#VALUE!	609.595496
5439000	5/25/1984	237	237	1.62	391.30	883	5.5081%	TSS	--	0.289	28.3	#VALUE!	609.595496
5439000	5/24/1987	237	237	1.62	391.30	883	5.5081%	TSS	--	0.289	28.3	#VALUE!	609.595496
5439000	6/12/1993	237	237	1.62	391.30	883	5.5081%	TSS	--	0.289	28.3	#VALUE!	609.595496
5439000	4/10/2002	237	237	1.62	391.30	883	5.5081%	TSS	--	0.289	28.3	#VALUE!	609.595496
5439000	3/16/2010	237	237	1.62	391.30	883	5.5081%	TSS	--	0.289	28.3	#VALUE!	609.595496
5439000	3/16/2013	237	237	1.62	391.30	883	5.5081%	TSS	--	0.289	28.3	#VALUE!	609.595496
5439000	2/20/1984	236	236	1.62	389.68	892	5.5642%	TSS	--	0.289	28.3	#VALUE!	607.0762696
5439000	3/9/2010	236	236	1.62	389.68	892	5.5642%	TSS	--	0.289	28.3	#VALUE!	607.0762696
5439000	1/22/1993	236	236	1.62	389.68	892	5.5642%	TSS	--	0.289	28.3	#VALUE!	607.0762696
5439000	6/9/2002	236	236	1.62	389.68	892	5.5642%	TSS	--	0.289	28.3	#VALUE!	607.0762696
5439000	6/14/2009	236	236	1.62	389.68	892	5.5642%	TSS	--	0.289	28.3	#VALUE!	607.0762696

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/26/1991	235	235	1.62	388.07	897	5.5954%	TSS	--	0.289	28.3	#VALUE!	604.5570432
5439000	1/2/2009	235	235	1.62	388.07	897	5.5954%	TSS	--	0.289	28.3	#VALUE!	604.5570432
5439000	3/31/1983	235	235	1.62	388.07	897	5.5954%	TSS	--	0.289	28.3	#VALUE!	604.5570432
5439000	7/13/1986	235	235	1.62	388.07	897	5.5954%	TSS	--	0.289	28.3	#VALUE!	604.5570432
5439000	3/21/1991	235	235	1.62	388.07	897	5.5954%	TSS	--	0.289	28.3	#VALUE!	604.5570432
5439000	1/1/1993	235	235	1.62	388.07	897	5.5954%	TSS	--	0.289	28.3	#VALUE!	604.5570432
5439000	3/6/2008	235	235	1.62	388.07	897	5.5954%	TSS	--	0.289	28.3	#VALUE!	604.5570432
5439000	3/31/2008	235	235	1.62	388.07	897	5.5954%	TSS	--	0.289	28.3	#VALUE!	604.5570432
5439000	3/20/1998	234	234	1.62	386.45	905	5.6453%	TSS	--	0.289	28.3	#VALUE!	602.0378168
5439000	4/5/1982	234	234	1.62	386.45	905	5.6453%	TSS	--	0.289	28.3	#VALUE!	602.0378168
5439000	3/20/1983	234	234	1.62	386.45	905	5.6453%	TSS	--	0.289	28.3	#VALUE!	602.0378168
5439000	3/13/1986	234	234	1.62	386.45	905	5.6453%	TSS	--	0.289	28.3	#VALUE!	602.0378168
5439000	2/3/1999	234	234	1.62	386.45	905	5.6453%	TSS	--	0.289	28.3	#VALUE!	602.0378168
5439000	6/23/2009	234	234	1.62	386.45	905	5.6453%	TSS	--	0.289	28.3	#VALUE!	602.0378168
5439000	5/28/1984	233	233	1.62	384.83	911	5.6827%	TSS	--	0.289	28.3	#VALUE!	599.5185905
5439000	6/13/2009	233	233	1.62	384.83	911	5.6827%	TSS	--	0.289	28.3	#VALUE!	599.5185905
5439000	4/24/1929	233	233	1.62	384.83	911	5.6827%	TSS	--	0.289	28.3	#VALUE!	599.5185905
5439000	11/12/1992	233	233	1.62	384.83	911	5.6827%	TSS	--	0.289	28.3	#VALUE!	599.5185905
5439000	11/10/1994	233	233	1.62	384.83	911	5.6827%	TSS	--	0.289	28.3	#VALUE!	599.5185905
5439000	1/11/2008	233	233	1.62	384.83	911	5.6827%	TSS	--	0.289	28.3	#VALUE!	599.5185905
5439000	5/30/1984	232	232	1.62	383.21	917	5.7202%	TSS	--	0.289	28.3	#VALUE!	596.9993641
5439000	12/9/1991	232	232	1.62	383.21	917	5.7202%	TSS	--	0.289	28.3	#VALUE!	596.9993641
5439000	11/28/1926	232	232	1.62	383.21	917	5.7202%	TSS	--	0.289	28.3	#VALUE!	596.9993641
5439000	2/7/1927	232	232	1.62	383.21	917	5.7202%	TSS	--	0.289	28.3	#VALUE!	596.9993641
5439000	4/14/1981	232	232	1.62	383.21	917	5.7202%	TSS	--	0.289	28.3	#VALUE!	596.9993641
5439000	11/4/1985	232	232	1.62	383.21	917	5.7202%	TSS	--	0.289	28.3	#VALUE!	596.9993641
5439000	12/4/1985	232	232	1.62	383.21	917	5.7202%	TSS	--	0.289	28.3	#VALUE!	596.9993641
5439000	12/11/1987	232	232	1.62	383.21	917	5.7202%	TSS	--	0.289	28.3	#VALUE!	596.9993641
5439000	3/23/1994	232	232	1.62	383.21	917	5.7202%	TSS	--	0.289	28.3	#VALUE!	596.9993641
5439000	5/12/2015	232	232	1.62	383.21	917	5.7202%	TSS	--	0.289	28.3	#VALUE!	596.9993641
5439000	5/12/1995	231	231	1.62	381.60	927	5.7825%	TSS	--	0.289	28.3	#VALUE!	594.4801377
5439000	8/1/1989	231	231	1.62	381.60	927	5.7825%	TSS	--	0.289	28.3	#VALUE!	594.4801377

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/4/1997	231	231	1.62	381.60	927	5.7825%	TSS	--	0.289	28.3	#VALUE!	594.4801377
5439000	4/27/1999	231	231	1.62	381.60	927	5.7825%	TSS	--	0.289	28.3	#VALUE!	594.4801377
5439000	4/2/2008	231	231	1.62	381.60	927	5.7825%	TSS	--	0.289	28.3	#VALUE!	594.4801377
5439000	9/1/1980	230	230	1.62	379.98	932	5.8137%	TSS	--	0.289	28.3	#VALUE!	591.9609113
5439000	4/23/1993	230	230	1.62	379.98	932	5.8137%	TSS	--	0.289	28.3	#VALUE!	591.9609113
5439000	7/2/2013	230	230	1.62	379.98	932	5.8137%	TSS	--	0.289	28.3	#VALUE!	591.9609113
5439000	11/23/1985	230	230	1.62	379.98	932	5.8137%	TSS	--	0.289	28.3	#VALUE!	591.9609113
5439000	3/30/1993	230	230	1.62	379.98	932	5.8137%	TSS	--	0.289	28.3	#VALUE!	591.9609113
5439000	4/6/1993	230	230	1.62	379.98	932	5.8137%	TSS	--	0.289	28.3	#VALUE!	591.9609113
5439000	6/6/1996	230	230	1.62	379.98	932	5.8137%	TSS	--	0.289	28.3	#VALUE!	591.9609113
5439000	1/7/1998	230	230	1.62	379.98	932	5.8137%	TSS	--	0.289	28.3	#VALUE!	591.9609113
5439000	3/15/2013	230	230	1.62	379.98	932	5.8137%	TSS	--	0.289	28.3	#VALUE!	591.9609113
5439000	6/16/1999	229	229	1.62	378.36	941	5.8699%	TSS	--	0.289	28.3	#VALUE!	589.4416849
5439000	8/21/1980	229	229	1.62	378.36	941	5.8699%	TSS	--	0.289	28.3	#VALUE!	589.4416849
5439000	3/24/1984	229	229	1.62	378.36	941	5.8699%	TSS	--	0.289	28.3	#VALUE!	589.4416849
5439000	4/11/1993	229	229	1.62	378.36	941	5.8699%	TSS	--	0.289	28.3	#VALUE!	589.4416849
5439000	5/5/2003	229	229	1.62	378.36	941	5.8699%	TSS	--	0.289	28.3	#VALUE!	589.4416849
5439000	12/22/2006	229	229	1.62	378.36	941	5.8699%	TSS	--	0.289	28.3	#VALUE!	589.4416849
5439000	6/30/1990	228	228	1.62	376.75	947	5.9073%	TSS	--	0.289	28.3	#VALUE!	586.9224585
5439000	8/5/2010	228	228	1.62	376.75	947	5.9073%	TSS	--	0.289	28.3	#VALUE!	586.9224585
5439000	6/3/2011	228	228	1.62	376.75	947	5.9073%	TSS	--	0.289	28.3	#VALUE!	586.9224585
5439000	12/22/1987	228	228	1.62	376.75	947	5.9073%	TSS	--	0.289	28.3	#VALUE!	586.9224585
5439000	2/6/1993	228	228	1.62	376.75	947	5.9073%	TSS	--	0.289	28.3	#VALUE!	586.9224585
5439000	2/19/2008	228	228	1.62	376.75	947	5.9073%	TSS	--	0.289	28.3	#VALUE!	586.9224585
5439000	6/19/2010	228	228	1.62	376.75	947	5.9073%	TSS	--	0.289	28.3	#VALUE!	586.9224585
5439000	3/9/2011	228	228	1.62	376.75	947	5.9073%	TSS	--	0.289	28.3	#VALUE!	586.9224585
5439000	4/28/2011	228	228	1.62	376.75	947	5.9073%	TSS	--	0.289	28.3	#VALUE!	586.9224585
5439000	5/17/2011	228	228	1.62	376.75	947	5.9073%	TSS	--	0.289	28.3	#VALUE!	586.9224585
5439000	4/26/1999	227	227	1.62	375.13	957	5.9697%	TSS	--	0.289	28.3	#VALUE!	584.4032322
5439000	5/7/2012	227	227	1.62	375.13	957	5.9697%	TSS	--	0.289	28.3	#VALUE!	584.4032322
5439000	6/17/1993	227	227	1.62	375.13	957	5.9697%	TSS	--	0.289	28.3	#VALUE!	584.4032322
5439000	6/22/1993	227	227	1.62	375.13	957	5.9697%	TSS	--	0.289	28.3	#VALUE!	584.4032322

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/11/1996	227	227	1.62	375.13	957	5.9697%	TSS	--	0.289	28.3	#VALUE!	584.4032322
5439000	2/13/2001	227	227	1.62	375.13	957	5.9697%	TSS	--	0.289	28.3	#VALUE!	584.4032322
5439000	5/18/2002	227	227	1.62	375.13	957	5.9697%	TSS	--	0.289	28.3	#VALUE!	584.4032322
5439000	7/14/2008	227	227	1.62	375.13	957	5.9697%	TSS	--	0.289	28.3	#VALUE!	584.4032322
5439000	9/6/1989	226	226	1.62	373.51	965	6.0196%	TSS	--	0.289	28.3	#VALUE!	581.8840058
5439000	4/2/1998	226	226	1.62	373.51	965	6.0196%	TSS	--	0.289	28.3	#VALUE!	581.8840058
5439000	1/27/1999	226	226	1.62	373.51	965	6.0196%	TSS	--	0.289	28.3	#VALUE!	581.8840058
5439000	12/7/1998	225	225	1.62	371.89	968	6.0383%	TSS	--	0.289	28.3	#VALUE!	579.3647794
5439000	5/27/2009	225	225	1.62	371.89	968	6.0383%	TSS	--	0.289	28.3	#VALUE!	579.3647794
5439000	2/14/2001	225	225	1.62	371.89	968	6.0383%	TSS	--	0.289	28.3	#VALUE!	579.3647794
5439000	9/1/2007	225	225	1.62	371.89	968	6.0383%	TSS	--	0.289	28.3	#VALUE!	579.3647794
5439000	2/13/2009	225	225	1.62	371.89	968	6.0383%	TSS	--	0.289	28.3	#VALUE!	579.3647794
5439000	6/10/2009	225	225	1.62	371.89	968	6.0383%	TSS	--	0.289	28.3	#VALUE!	579.3647794
5439000	6/23/2015	225	225	1.62	371.89	968	6.0383%	TSS	--	0.289	28.3	#VALUE!	579.3647794
5439000	4/22/1930	224	224	1.62	370.28	975	6.0820%	TSS	--	0.289	28.3	#VALUE!	576.845553
5439000	6/30/1933	224	224	1.62	370.28	975	6.0820%	TSS	--	0.289	28.3	#VALUE!	576.845553
5439000	3/15/2007	224	224	1.62	370.28	975	6.0820%	TSS	--	0.289	28.3	#VALUE!	576.845553
5439000	2/27/1930	224	224	1.62	370.28	975	6.0820%	TSS	--	0.289	28.3	#VALUE!	576.845553
5439000	5/6/1933	224	224	1.62	370.28	975	6.0820%	TSS	--	0.289	28.3	#VALUE!	576.845553
5439000	5/11/1933	224	224	1.62	370.28	975	6.0820%	TSS	--	0.289	28.3	#VALUE!	576.845553
5439000	5/12/1933	224	224	1.62	370.28	975	6.0820%	TSS	--	0.289	28.3	#VALUE!	576.845553
5439000	7/25/1996	224	224	1.62	370.28	975	6.0820%	TSS	--	0.289	28.3	#VALUE!	576.845553
5439000	2/26/2000	224	224	1.62	370.28	975	6.0820%	TSS	--	0.289	28.3	#VALUE!	576.845553
5439000	5/14/2003	224	224	1.62	370.28	975	6.0820%	TSS	--	0.289	28.3	#VALUE!	576.845553
5439000	4/22/2011	224	224	1.62	370.28	975	6.0820%	TSS	--	0.289	28.3	#VALUE!	576.845553
5439000	4/26/2013	224	224	1.62	370.28	975	6.0820%	TSS	--	0.289	28.3	#VALUE!	576.845553
5439000	4/12/1982	223	223	1.62	368.66	987	6.1568%	TSS	--	0.289	28.3	#VALUE!	574.3263266
5439000	1/1/2011	223	223	1.62	368.66	987	6.1568%	TSS	--	0.289	28.3	#VALUE!	574.3263266
5439000	9/23/1980	223	223	1.62	368.66	987	6.1568%	TSS	--	0.289	28.3	#VALUE!	574.3263266
5439000	11/12/1982	223	223	1.62	368.66	987	6.1568%	TSS	--	0.289	28.3	#VALUE!	574.3263266
5439000	5/30/1991	223	223	1.62	368.66	987	6.1568%	TSS	--	0.289	28.3	#VALUE!	574.3263266
5439000	3/9/1998	223	223	1.62	368.66	987	6.1568%	TSS	--	0.289	28.3	#VALUE!	574.3263266

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/28/1929	222	222	1.62	367.04	993	6.1942%	TSS	--	0.289	28.3	#VALUE!	571.8071003
5439000	4/1/1983	222	222	1.62	367.04	993	6.1942%	TSS	--	0.289	28.3	#VALUE!	571.8071003
5439000	2/15/2001	222	222	1.62	367.04	993	6.1942%	TSS	--	0.289	28.3	#VALUE!	571.8071003
5439000	11/23/1928	222	222	1.62	367.04	993	6.1942%	TSS	--	0.289	28.3	#VALUE!	571.8071003
5439000	2/28/1929	222	222	1.62	367.04	993	6.1942%	TSS	--	0.289	28.3	#VALUE!	571.8071003
5439000	3/21/1929	222	222	1.62	367.04	993	6.1942%	TSS	--	0.289	28.3	#VALUE!	571.8071003
5439000	6/17/1929	222	222	1.62	367.04	993	6.1942%	TSS	--	0.289	28.3	#VALUE!	571.8071003
5439000	6/20/1929	222	222	1.62	367.04	993	6.1942%	TSS	--	0.289	28.3	#VALUE!	571.8071003
5439000	4/16/1980	222	222	1.62	367.04	993	6.1942%	TSS	--	0.289	28.3	#VALUE!	571.8071003
5439000	4/3/1988	222	222	1.62	367.04	993	6.1942%	TSS	--	0.289	28.3	#VALUE!	571.8071003
5439000	3/9/1993	222	222	1.62	367.04	993	6.1942%	TSS	--	0.289	28.3	#VALUE!	571.8071003
5439000	3/17/1999	222	222	1.62	367.04	993	6.1942%	TSS	0.05	0.289	28.3	98.92856406	571.8071003
5439000	5/17/2009	222	222	1.62	367.04	993	6.1942%	TSS	--	0.289	28.3	#VALUE!	571.8071003
5439000	10/7/1926	221	221	1.62	365.43	1006	6.2753%	TSS	--	0.289	28.3	#VALUE!	569.2878739
5439000	5/31/1982	221	221	1.62	365.43	1006	6.2753%	TSS	--	0.289	28.3	#VALUE!	569.2878739
5439000	9/14/1993	221	221	1.62	365.43	1006	6.2753%	TSS	--	0.289	28.3	#VALUE!	569.2878739
5439000	9/27/1926	221	221	1.62	365.43	1006	6.2753%	TSS	--	0.289	28.3	#VALUE!	569.2878739
5439000	10/1/1926	221	221	1.62	365.43	1006	6.2753%	TSS	--	0.289	28.3	#VALUE!	569.2878739
5439000	11/21/1926	221	221	1.62	365.43	1006	6.2753%	TSS	--	0.289	28.3	#VALUE!	569.2878739
5439000	2/2/1927	221	221	1.62	365.43	1006	6.2753%	TSS	--	0.289	28.3	#VALUE!	569.2878739
5439000	4/12/1980	221	221	1.62	365.43	1006	6.2753%	TSS	--	0.289	28.3	#VALUE!	569.2878739
5439000	7/9/1982	221	221	1.62	365.43	1006	6.2753%	TSS	--	0.289	28.3	#VALUE!	569.2878739
5439000	1/23/1993	221	221	1.62	365.43	1006	6.2753%	TSS	--	0.289	28.3	#VALUE!	569.2878739
5439000	5/5/1993	221	221	1.62	365.43	1006	6.2753%	TSS	--	0.289	28.3	#VALUE!	569.2878739
5439000	5/15/1999	221	221	1.62	365.43	1006	6.2753%	TSS	--	0.289	28.3	#VALUE!	569.2878739
5439000	9/21/2008	221	221	1.62	365.43	1006	6.2753%	TSS	--	0.289	28.3	#VALUE!	569.2878739
5439000	3/27/2009	221	221	1.62	365.43	1006	6.2753%	TSS	--	0.289	28.3	#VALUE!	569.2878739
5439000	6/2/1980	220	220	1.62	363.81	1020	6.3627%	TSS	--	0.289	28.3	#VALUE!	566.7686475
5439000	9/29/1993	220	220	1.62	363.81	1020	6.3627%	TSS	--	0.289	28.3	#VALUE!	566.7686475
5439000	9/21/1980	220	220	1.62	363.81	1020	6.3627%	TSS	--	0.289	28.3	#VALUE!	566.7686475
5439000	3/11/1985	220	220	1.62	363.81	1020	6.3627%	TSS	--	0.289	28.3	#VALUE!	566.7686475
5439000	12/30/1992	220	220	1.62	363.81	1020	6.3627%	TSS	--	0.289	28.3	#VALUE!	566.7686475

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/18/1999	220	220	1.62	363.81	1020	6.3627%	TSS	--	0.289	28.3	#VALUE!	566.7686475
5439000	4/27/2009	220	220	1.62	363.81	1020	6.3627%	TSS	--	0.289	28.3	#VALUE!	566.7686475
5439000	5/11/2010	219	219	1.62	362.19	1027	6.4063%	TSS	--	0.289	28.3	#VALUE!	564.2494211
5439000	4/8/1980	219	219	1.62	362.19	1027	6.4063%	TSS	--	0.289	28.3	#VALUE!	564.2494211
5439000	3/22/2014	219	219	1.62	362.19	1027	6.4063%	TSS	--	0.289	28.3	#VALUE!	564.2494211
5439000	11/15/1985	218	218	1.62	360.57	1030	6.4251%	TSS	--	0.289	28.3	#VALUE!	561.7301947
5439000	3/19/2001	218	218	1.62	360.57	1030	6.4251%	TSS	--	0.289	28.3	#VALUE!	561.7301947
5439000	7/22/1928	218	218	1.62	360.57	1030	6.4251%	TSS	--	0.289	28.3	#VALUE!	561.7301947
5439000	12/28/1982	218	218	1.62	360.57	1030	6.4251%	TSS	--	0.289	28.3	#VALUE!	561.7301947
5439000	4/24/1987	218	218	1.62	360.57	1030	6.4251%	TSS	--	0.289	28.3	#VALUE!	561.7301947
5439000	7/1/1993	218	218	1.62	360.57	1030	6.4251%	TSS	--	0.289	28.3	#VALUE!	561.7301947
5439000	2/24/2001	218	218	1.62	360.57	1030	6.4251%	TSS	--	0.289	28.3	#VALUE!	561.7301947
5439000	7/13/2014	218	218	1.62	360.57	1030	6.4251%	TSS	--	0.289	28.3	#VALUE!	561.7301947
5439000	7/9/1983	217	217	1.62	358.96	1038	6.4750%	TSS	--	0.289	28.3	#VALUE!	559.2109683
5439000	6/5/2004	217	217	1.62	358.96	1038	6.4750%	TSS	--	0.289	28.3	#VALUE!	559.2109683
5439000	4/18/1982	217	217	1.62	358.96	1038	6.4750%	TSS	--	0.289	28.3	#VALUE!	559.2109683
5439000	12/11/1982	217	217	1.62	358.96	1038	6.4750%	TSS	--	0.289	28.3	#VALUE!	559.2109683
5439000	2/6/1991	217	217	1.62	358.96	1038	6.4750%	TSS	--	0.289	28.3	#VALUE!	559.2109683
5439000	7/26/1993	217	217	1.62	358.96	1038	6.4750%	TSS	--	0.289	28.3	#VALUE!	559.2109683
5439000	6/11/1996	217	217	1.62	358.96	1038	6.4750%	TSS	--	0.289	28.3	#VALUE!	559.2109683
5439000	7/11/2007	217	217	1.62	358.96	1038	6.4750%	TSS	--	0.289	28.3	#VALUE!	559.2109683
5439000	12/23/2006	216	216	1.62	357.34	1046	6.5249%	TSS	--	0.289	28.3	#VALUE!	556.691742
5439000	2/23/1994	216	216	1.62	357.34	1046	6.5249%	TSS	--	0.289	28.3	#VALUE!	556.691742
5439000	3/20/2001	216	216	1.62	357.34	1046	6.5249%	TSS	--	0.289	28.3	#VALUE!	556.691742
5439000	3/26/2007	216	216	1.62	357.34	1046	6.5249%	TSS	--	0.289	28.3	#VALUE!	556.691742
5439000	3/10/1985	215	215	1.62	355.72	1050	6.5498%	TSS	--	0.289	28.3	#VALUE!	554.1725156
5439000	4/9/1980	215	215	1.62	355.72	1050	6.5498%	TSS	--	0.289	28.3	#VALUE!	554.1725156
5439000	7/4/1982	215	215	1.62	355.72	1050	6.5498%	TSS	--	0.289	28.3	#VALUE!	554.1725156
5439000	6/28/1993	215	215	1.62	355.72	1050	6.5498%	TSS	--	0.289	28.3	#VALUE!	554.1725156
5439000	1/16/1995	214	214	1.62	354.11	1054	6.5748%	TSS	--	0.289	28.3	#VALUE!	551.6532892
5439000	5/27/2004	214	214	1.62	354.11	1054	6.5748%	TSS	--	0.289	28.3	#VALUE!	551.6532892
5439000	4/10/1988	214	214	1.62	354.11	1054	6.5748%	TSS	--	0.289	28.3	#VALUE!	551.6532892

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/8/1989	214	214	1.62	354.11	1054	6.5748%	TSS	--	0.289	28.3	#VALUE!	551.6532892
5439000	4/19/1998	214	214	1.62	354.11	1054	6.5748%	TSS	--	0.289	28.3	#VALUE!	551.6532892
5439000	3/10/2002	214	214	1.62	354.11	1054	6.5748%	TSS	--	0.289	28.3	#VALUE!	551.6532892
5439000	5/17/2004	214	214	1.62	354.11	1054	6.5748%	TSS	--	0.289	28.3	#VALUE!	551.6532892
5439000	3/14/2009	214	214	1.62	354.11	1054	6.5748%	TSS	--	0.289	28.3	#VALUE!	551.6532892
5439000	12/30/2009	214	214	1.62	354.11	1054	6.5748%	TSS	--	0.289	28.3	#VALUE!	551.6532892
5439000	4/24/2011	214	214	1.62	354.11	1054	6.5748%	TSS	--	0.289	28.3	#VALUE!	551.6532892
5439000	5/13/1933	213	213	1.62	352.49	1064	6.6371%	TSS	--	0.289	28.3	#VALUE!	549.1340628
5439000	8/7/1989	213	213	1.62	352.49	1064	6.6371%	TSS	--	0.289	28.3	#VALUE!	549.1340628
5439000	5/7/1999	213	213	1.62	352.49	1064	6.6371%	TSS	--	0.289	28.3	#VALUE!	549.1340628
5439000	4/24/1981	213	213	1.62	352.49	1064	6.6371%	TSS	--	0.289	28.3	#VALUE!	549.1340628
5439000	12/27/1982	213	213	1.62	352.49	1064	6.6371%	TSS	--	0.289	28.3	#VALUE!	549.1340628
5439000	11/29/1983	213	213	1.62	352.49	1064	6.6371%	TSS	--	0.289	28.3	#VALUE!	549.1340628
5439000	3/17/1991	213	213	1.62	352.49	1064	6.6371%	TSS	--	0.289	28.3	#VALUE!	549.1340628
5439000	6/21/1996	213	213	1.62	352.49	1064	6.6371%	TSS	--	0.289	28.3	#VALUE!	549.1340628
5439000	5/6/1999	213	213	1.62	352.49	1064	6.6371%	TSS	--	0.289	28.3	#VALUE!	549.1340628
5439000	12/13/2006	213	213	1.62	352.49	1064	6.6371%	TSS	--	0.289	28.3	#VALUE!	549.1340628
5439000	12/10/2008	213	213	1.62	352.49	1064	6.6371%	TSS	--	0.289	28.3	#VALUE!	549.1340628
5439000	5/13/2011	213	213	1.62	352.49	1064	6.6371%	TSS	--	0.289	28.3	#VALUE!	549.1340628
5439000	9/22/1980	212	212	1.62	350.87	1076	6.7120%	TSS	--	0.289	28.3	#VALUE!	546.6148364
5439000	4/15/1983	212	212	1.62	350.87	1076	6.7120%	TSS	--	0.289	28.3	#VALUE!	546.6148364
5439000	5/4/1993	212	212	1.62	350.87	1076	6.7120%	TSS	--	0.289	28.3	#VALUE!	546.6148364
5439000	3/8/1929	211	211	1.62	349.25	1079	6.7307%	TSS	--	0.289	28.3	#VALUE!	544.09561
5439000	5/14/1990	211	211	1.62	349.25	1079	6.7307%	TSS	--	0.289	28.3	#VALUE!	544.09561
5439000	5/17/2010	211	211	1.62	349.25	1079	6.7307%	TSS	--	0.289	28.3	#VALUE!	544.09561
5439000	12/16/1928	211	211	1.62	349.25	1079	6.7307%	TSS	--	0.289	28.3	#VALUE!	544.09561
5439000	3/25/1929	211	211	1.62	349.25	1079	6.7307%	TSS	--	0.289	28.3	#VALUE!	544.09561
5439000	5/27/1983	211	211	1.62	349.25	1079	6.7307%	TSS	--	0.289	28.3	#VALUE!	544.09561
5439000	1/23/1988	211	211	1.62	349.25	1079	6.7307%	TSS	--	0.289	28.3	#VALUE!	544.09561
5439000	6/28/1994	211	211	1.62	349.25	1079	6.7307%	TSS	--	0.289	28.3	#VALUE!	544.09561
5439000	5/13/1995	211	211	1.62	349.25	1079	6.7307%	TSS	--	0.289	28.3	#VALUE!	544.09561
5439000	7/9/2007	211	211	1.62	349.25	1079	6.7307%	TSS	--	0.289	28.3	#VALUE!	544.09561

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/8/2015	211	211	1.62	349.25	1079	6.7307%	TSS	--	0.289	28.3	#VALUE!	544.09561
5439000	6/18/1926	210	210	1.62	347.64	1090	6.7993%	TSS	--	0.289	28.3	#VALUE!	541.5763837
5439000	5/1/1927	210	210	1.62	347.64	1090	6.7993%	TSS	--	0.289	28.3	#VALUE!	541.5763837
5439000	4/10/1928	210	210	1.62	347.64	1090	6.7993%	TSS	--	0.289	28.3	#VALUE!	541.5763837
5439000	1/2/2011	210	210	1.62	347.64	1090	6.7993%	TSS	--	0.289	28.3	#VALUE!	541.5763837
5439000	3/3/1926	210	210	1.62	347.64	1090	6.7993%	TSS	--	0.289	28.3	#VALUE!	541.5763837
5439000	4/12/1926	210	210	1.62	347.64	1090	6.7993%	TSS	--	0.289	28.3	#VALUE!	541.5763837
5439000	11/29/1926	210	210	1.62	347.64	1090	6.7993%	TSS	--	0.289	28.3	#VALUE!	541.5763837
5439000	4/16/1927	210	210	1.62	347.64	1090	6.7993%	TSS	--	0.289	28.3	#VALUE!	541.5763837
5439000	4/23/1927	210	210	1.62	347.64	1090	6.7993%	TSS	--	0.289	28.3	#VALUE!	541.5763837
5439000	5/10/1927	210	210	1.62	347.64	1090	6.7993%	TSS	--	0.289	28.3	#VALUE!	541.5763837
5439000	5/30/1927	210	210	1.62	347.64	1090	6.7993%	TSS	--	0.289	28.3	#VALUE!	541.5763837
5439000	11/29/1927	210	210	1.62	347.64	1090	6.7993%	TSS	--	0.289	28.3	#VALUE!	541.5763837
5439000	9/2/1987	210	210	1.62	347.64	1090	6.7993%	TSS	--	0.289	28.3	#VALUE!	541.5763837
5439000	11/14/1992	210	210	1.62	347.64	1090	6.7993%	TSS	--	0.289	28.3	#VALUE!	541.5763837
5439000	11/28/1992	210	210	1.62	347.64	1090	6.7993%	TSS	--	0.289	28.3	#VALUE!	541.5763837
5439000	4/12/2013	210	210	1.62	347.64	1090	6.7993%	TSS	--	0.289	28.3	#VALUE!	541.5763837
5439000	4/23/1984	209	209	1.62	346.02	1106	6.8991%	TSS	--	0.289	28.3	#VALUE!	539.0571573
5439000	6/14/2011	209	209	1.62	346.02	1106	6.8991%	TSS	--	0.289	28.3	#VALUE!	539.0571573
5439000	8/15/1980	209	209	1.62	346.02	1106	6.8991%	TSS	--	0.289	28.3	#VALUE!	539.0571573
5439000	2/23/1981	209	209	1.62	346.02	1106	6.8991%	TSS	--	0.289	28.3	#VALUE!	539.0571573
5439000	11/12/1985	209	209	1.62	346.02	1106	6.8991%	TSS	--	0.289	28.3	#VALUE!	539.0571573
5439000	4/1/1988	209	209	1.62	346.02	1106	6.8991%	TSS	--	0.289	28.3	#VALUE!	539.0571573
5439000	2/22/2011	209	209	1.62	346.02	1106	6.8991%	TSS	--	0.289	28.3	#VALUE!	539.0571573
5439000	4/28/2009	208	208	1.62	344.40	1113	6.9428%	TSS	--	0.289	28.3	#VALUE!	536.5379309
5439000	4/11/1982	208	208	1.62	344.40	1113	6.9428%	TSS	--	0.289	28.3	#VALUE!	536.5379309
5439000	3/6/1986	208	208	1.62	344.40	1113	6.9428%	TSS	--	0.289	28.3	#VALUE!	536.5379309
5439000	7/22/2007	208	208	1.62	344.40	1113	6.9428%	TSS	--	0.289	28.3	#VALUE!	536.5379309
5439000	12/17/2011	208	208	1.62	344.40	1113	6.9428%	TSS	--	0.289	28.3	#VALUE!	536.5379309
5439000	6/26/1982	207	207	1.62	342.79	1118	6.9740%	TSS	--	0.289	28.3	#VALUE!	534.0187045
5439000	3/20/1994	207	207	1.62	342.79	1118	6.9740%	TSS	--	0.289	28.3	#VALUE!	534.0187045
5439000	2/11/2013	207	207	1.62	342.79	1118	6.9740%	TSS	--	0.289	28.3	#VALUE!	534.0187045

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/17/1980	207	207	1.62	342.79	1118	6.9740%	TSS	--	0.289	28.3	#VALUE!	534.0187045
5439000	5/27/1982	207	207	1.62	342.79	1118	6.9740%	TSS	--	0.289	28.3	#VALUE!	534.0187045
5439000	3/14/1986	207	207	1.62	342.79	1118	6.9740%	TSS	--	0.289	28.3	#VALUE!	534.0187045
5439000	6/13/1987	207	207	1.62	342.79	1118	6.9740%	TSS	--	0.289	28.3	#VALUE!	534.0187045
5439000	12/1/1990	207	207	1.62	342.79	1118	6.9740%	TSS	--	0.289	28.3	#VALUE!	534.0187045
5439000	4/20/1998	207	207	1.62	342.79	1118	6.9740%	TSS	--	0.289	28.3	#VALUE!	534.0187045
5439000	4/15/2008	207	207	1.62	342.79	1118	6.9740%	TSS	--	0.289	28.3	#VALUE!	534.0187045
5439000	11/3/2009	207	207	1.62	342.79	1118	6.9740%	TSS	--	0.289	28.3	#VALUE!	534.0187045
5439000	7/5/2014	207	207	1.62	342.79	1118	6.9740%	TSS	--	0.289	28.3	#VALUE!	534.0187045
5439000	5/9/2015	207	207	1.62	342.79	1118	6.9740%	TSS	--	0.289	28.3	#VALUE!	534.0187045
5439000	3/18/1990	206	206	1.62	341.17	1131	7.0551%	TSS	--	0.289	28.3	#VALUE!	531.4994781
5439000	8/23/1987	206	206	1.62	341.17	1131	7.0551%	TSS	--	0.289	28.3	#VALUE!	531.4994781
5439000	3/7/1992	206	206	1.62	341.17	1131	7.0551%	TSS	--	0.289	28.3	#VALUE!	531.4994781
5439000	6/10/1996	206	206	1.62	341.17	1131	7.0551%	TSS	--	0.289	28.3	#VALUE!	531.4994781
5439000	12/28/1987	205	205	1.62	339.55	1135	7.0800%	TSS	--	0.289	28.3	#VALUE!	528.9802518
5439000	1/6/2008	205	205	1.62	339.55	1135	7.0800%	TSS	--	0.289	28.3	#VALUE!	528.9802518
5439000	12/23/1987	205	205	1.62	339.55	1135	7.0800%	TSS	--	0.289	28.3	#VALUE!	528.9802518
5439000	6/4/1989	205	205	1.62	339.55	1135	7.0800%	TSS	--	0.289	28.3	#VALUE!	528.9802518
5439000	1/7/1993	205	205	1.62	339.55	1135	7.0800%	TSS	--	0.289	28.3	#VALUE!	528.9802518
5439000	6/26/2000	205	205	1.62	339.55	1135	7.0800%	TSS	--	0.289	28.3	#VALUE!	528.9802518
5439000	5/14/2008	205	205	1.62	339.55	1135	7.0800%	TSS	--	0.289	28.3	#VALUE!	528.9802518
5439000	3/11/2015	205	205	1.62	339.55	1135	7.0800%	TSS	--	0.289	28.3	#VALUE!	528.9802518
5439000	4/26/2015	205	205	1.62	339.55	1135	7.0800%	TSS	--	0.289	28.3	#VALUE!	528.9802518
5439000	11/23/1983	204	204	1.62	337.94	1144	7.1362%	TSS	--	0.289	28.3	#VALUE!	526.4610254
5439000	6/13/2013	204	204	1.62	337.94	1144	7.1362%	TSS	--	0.289	28.3	#VALUE!	526.4610254
5439000	3/12/1985	204	204	1.62	337.94	1144	7.1362%	TSS	--	0.289	28.3	#VALUE!	526.4610254
5439000	12/27/1987	204	204	1.62	337.94	1144	7.1362%	TSS	--	0.289	28.3	#VALUE!	526.4610254
5439000	5/8/1997	204	204	1.62	337.94	1144	7.1362%	TSS	--	0.289	28.3	#VALUE!	526.4610254
5439000	5/12/1998	203	203	1.62	336.32	1149	7.1674%	TSS	--	0.289	28.3	#VALUE!	523.941799
5439000	3/22/1982	203	203	1.62	336.32	1149	7.1674%	TSS	--	0.289	28.3	#VALUE!	523.941799
5439000	6/30/1982	203	203	1.62	336.32	1149	7.1674%	TSS	--	0.289	28.3	#VALUE!	523.941799
5439000	2/21/1983	203	203	1.62	336.32	1149	7.1674%	TSS	--	0.289	28.3	#VALUE!	523.941799

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/22/2009	203	203	1.62	336.32	1149	7.1674%	TSS	--	0.289	28.3	#VALUE!	523.941799
5439000	5/15/2009	203	203	1.62	336.32	1149	7.1674%	TSS	--	0.289	28.3	#VALUE!	523.941799
5439000	11/25/1931	202	202	1.62	334.70	1155	7.2048%	TSS	--	0.289	28.3	#VALUE!	521.4225726
5439000	4/4/1988	202	202	1.62	334.70	1155	7.2048%	TSS	--	0.289	28.3	#VALUE!	521.4225726
5439000	6/24/2014	202	202	1.62	334.70	1155	7.2048%	TSS	--	0.289	28.3	#VALUE!	521.4225726
5439000	4/19/1930	202	202	1.62	334.70	1155	7.2048%	TSS	--	0.289	28.3	#VALUE!	521.4225726
5439000	3/4/1932	202	202	1.62	334.70	1155	7.2048%	TSS	--	0.289	28.3	#VALUE!	521.4225726
5439000	3/31/1932	202	202	1.62	334.70	1155	7.2048%	TSS	--	0.289	28.3	#VALUE!	521.4225726
5439000	5/3/1933	202	202	1.62	334.70	1155	7.2048%	TSS	--	0.289	28.3	#VALUE!	521.4225726
5439000	4/24/1993	202	202	1.62	334.70	1155	7.2048%	TSS	--	0.289	28.3	#VALUE!	521.4225726
5439000	5/18/2004	202	202	1.62	334.70	1155	7.2048%	TSS	--	0.289	28.3	#VALUE!	521.4225726
5439000	3/11/2011	202	202	1.62	334.70	1155	7.2048%	TSS	--	0.289	28.3	#VALUE!	521.4225726
5439000	5/23/1986	201	201	1.62	333.08	1165	7.2672%	TSS	--	0.289	28.3	#VALUE!	518.9033462
5439000	3/17/2001	201	201	1.62	333.08	1165	7.2672%	TSS	--	0.289	28.3	#VALUE!	518.9033462
5439000	3/2/1929	200	200	1.62	331.47	1167	7.2796%	TSS	--	0.289	28.3	#VALUE!	516.3841198
5439000	4/7/1993	200	200	1.62	331.47	1167	7.2796%	TSS	--	0.289	28.3	#VALUE!	516.3841198
5439000	3/21/2001	200	200	1.62	331.47	1167	7.2796%	TSS	--	0.289	28.3	#VALUE!	516.3841198
5439000	11/22/1926	200	200	1.62	331.47	1167	7.2796%	TSS	--	0.289	28.3	#VALUE!	516.3841198
5439000	4/5/1929	200	200	1.62	331.47	1167	7.2796%	TSS	--	0.289	28.3	#VALUE!	516.3841198
5439000	3/22/1991	200	200	1.62	331.47	1167	7.2796%	TSS	--	0.289	28.3	#VALUE!	516.3841198
5439000	12/19/1992	200	200	1.62	331.47	1167	7.2796%	TSS	--	0.289	28.3	#VALUE!	516.3841198
5439000	5/31/1995	200	200	1.62	331.47	1167	7.2796%	TSS	--	0.289	28.3	#VALUE!	516.3841198
5439000	6/5/1995	200	200	1.62	331.47	1167	7.2796%	TSS	--	0.289	28.3	#VALUE!	516.3841198
5439000	6/14/1998	200	200	1.62	331.47	1167	7.2796%	TSS	--	0.289	28.3	#VALUE!	516.3841198
5439000	5/3/2009	200	200	1.62	331.47	1167	7.2796%	TSS	--	0.289	28.3	#VALUE!	516.3841198
5439000	2/13/1998	199	199	1.62	329.85	1178	7.3483%	TSS	--	0.289	28.3	#VALUE!	513.8648935
5439000	7/13/2015	199	199	1.62	329.85	1178	7.3483%	TSS	--	0.289	28.3	#VALUE!	513.8648935
5439000	11/27/1990	199	199	1.62	329.85	1178	7.3483%	TSS	--	0.289	28.3	#VALUE!	513.8648935
5439000	5/14/1995	199	199	1.62	329.85	1178	7.3483%	TSS	--	0.289	28.3	#VALUE!	513.8648935
5439000	6/4/1999	199	199	1.62	329.85	1178	7.3483%	TSS	--	0.289	28.3	#VALUE!	513.8648935
5439000	2/15/2005	199	199	1.62	329.85	1178	7.3483%	TSS	--	0.289	28.3	#VALUE!	513.8648935
5439000	9/2/2007	199	199	1.62	329.85	1178	7.3483%	TSS	--	0.289	28.3	#VALUE!	513.8648935

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/3/1991	198	198	1.62	328.23	1185	7.3919%	TSS	--	0.289	28.3	#VALUE!	511.3456671
5439000	9/2/1980	198	198	1.62	328.23	1185	7.3919%	TSS	--	0.289	28.3	#VALUE!	511.3456671
5439000	11/1/1985	198	198	1.62	328.23	1185	7.3919%	TSS	--	0.289	28.3	#VALUE!	511.3456671
5439000	3/11/1989	198	198	1.62	328.23	1185	7.3919%	TSS	--	0.289	28.3	#VALUE!	511.3456671
5439000	8/24/1993	198	198	1.62	328.23	1185	7.3919%	TSS	--	0.289	28.3	#VALUE!	511.3456671
5439000	2/24/1994	198	198	1.62	328.23	1185	7.3919%	TSS	--	0.289	28.3	#VALUE!	511.3456671
5439000	3/17/2010	198	198	1.62	328.23	1185	7.3919%	TSS	--	0.289	28.3	#VALUE!	511.3456671
5439000	5/29/1983	197	197	1.62	326.62	1192	7.4356%	TSS	--	0.289	28.3	#VALUE!	508.8264407
5439000	6/7/1984	197	197	1.62	326.62	1192	7.4356%	TSS	--	0.289	28.3	#VALUE!	508.8264407
5439000	11/28/1987	197	197	1.62	326.62	1192	7.4356%	TSS	--	0.289	28.3	#VALUE!	508.8264407
5439000	3/27/1983	196	196	1.62	325.00	1195	7.4543%	TSS	--	0.289	28.3	#VALUE!	506.3072143
5439000	3/7/2011	196	196	1.62	325.00	1195	7.4543%	TSS	--	0.289	28.3	#VALUE!	506.3072143
5439000	6/19/1981	196	196	1.62	325.00	1195	7.4543%	TSS	--	0.289	28.3	#VALUE!	506.3072143
5439000	5/6/1993	196	196	1.62	325.00	1195	7.4543%	TSS	--	0.289	28.3	#VALUE!	506.3072143
5439000	4/25/2007	196	196	1.62	325.00	1195	7.4543%	TSS	--	0.289	28.3	#VALUE!	506.3072143
5439000	10/26/2009	196	196	1.62	325.00	1195	7.4543%	TSS	--	0.289	28.3	#VALUE!	506.3072143
5439000	5/10/2015	195	195	1.62	323.38	1201	7.4917%	TSS	--	0.289	28.3	#VALUE!	503.7879879
5439000	8/12/1980	195	195	1.62	323.38	1201	7.4917%	TSS	--	0.289	28.3	#VALUE!	503.7879879
5439000	3/10/1993	195	195	1.62	323.38	1201	7.4917%	TSS	--	0.289	28.3	#VALUE!	503.7879879
5439000	3/29/2004	195	195	1.62	323.38	1201	7.4917%	TSS	--	0.289	28.3	#VALUE!	503.7879879
5439000	6/25/2015	195	195	1.62	323.38	1201	7.4917%	TSS	--	0.289	28.3	#VALUE!	503.7879879
5439000	6/27/2010	194	194	1.62	321.76	1206	7.5229%	TSS	--	0.289	28.3	#VALUE!	501.2687615
5439000	3/18/1982	194	194	1.62	321.76	1206	7.5229%	TSS	--	0.289	28.3	#VALUE!	501.2687615
5439000	3/1/2009	194	194	1.62	321.76	1206	7.5229%	TSS	--	0.289	28.3	#VALUE!	501.2687615
5439000	11/11/1994	193	193	1.62	320.15	1209	7.5416%	TSS	--	0.289	28.3	#VALUE!	498.7495352
5439000	4/29/2009	193	193	1.62	320.15	1209	7.5416%	TSS	--	0.289	28.3	#VALUE!	498.7495352
5439000	6/29/1982	193	193	1.62	320.15	1209	7.5416%	TSS	--	0.289	28.3	#VALUE!	498.7495352
5439000	12/1/1991	193	193	1.62	320.15	1209	7.5416%	TSS	--	0.289	28.3	#VALUE!	498.7495352
5439000	6/13/1993	193	193	1.62	320.15	1209	7.5416%	TSS	--	0.289	28.3	#VALUE!	498.7495352
5439000	8/10/1996	193	193	1.62	320.15	1209	7.5416%	TSS	--	0.289	28.3	#VALUE!	498.7495352
5439000	1/13/2005	193	193	1.62	320.15	1209	7.5416%	TSS	--	0.289	28.3	#VALUE!	498.7495352
5439000	12/14/2006	193	193	1.62	320.15	1209	7.5416%	TSS	--	0.289	28.3	#VALUE!	498.7495352

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/27/2009	193	193	1.62	320.15	1209	7.5416%	TSS	--	0.289	28.3	#VALUE!	498.7495352
5439000	6/28/2010	193	193	1.62	320.15	1209	7.5416%	TSS	--	0.289	28.3	#VALUE!	498.7495352
5439000	4/27/2013	193	193	1.62	320.15	1209	7.5416%	TSS	--	0.289	28.3	#VALUE!	498.7495352
5439000	1/19/1933	192	192	1.62	318.53	1220	7.6103%	TSS	--	0.289	28.3	#VALUE!	496.2303088
5439000	3/25/1984	192	192	1.62	318.53	1220	7.6103%	TSS	--	0.289	28.3	#VALUE!	496.2303088
5439000	3/15/2001	192	192	1.62	318.53	1220	7.6103%	TSS	--	0.289	28.3	#VALUE!	496.2303088
5439000	3/15/2015	192	192	1.62	318.53	1220	7.6103%	TSS	--	0.289	28.3	#VALUE!	496.2303088
5439000	4/13/1982	192	192	1.62	318.53	1220	7.6103%	TSS	--	0.289	28.3	#VALUE!	496.2303088
5439000	7/26/1982	192	192	1.62	318.53	1220	7.6103%	TSS	--	0.289	28.3	#VALUE!	496.2303088
5439000	2/21/1984	192	192	1.62	318.53	1220	7.6103%	TSS	--	0.289	28.3	#VALUE!	496.2303088
5439000	2/6/1986	192	192	1.62	318.53	1220	7.6103%	TSS	--	0.289	28.3	#VALUE!	496.2303088
5439000	7/31/1996	192	192	1.62	318.53	1220	7.6103%	TSS	--	0.289	28.3	#VALUE!	496.2303088
5439000	4/18/1999	192	192	1.62	318.53	1220	7.6103%	TSS	--	0.289	28.3	#VALUE!	496.2303088
5439000	6/10/2002	192	192	1.62	318.53	1220	7.6103%	TSS	--	0.289	28.3	#VALUE!	496.2303088
5439000	4/29/2007	192	192	1.62	318.53	1220	7.6103%	TSS	--	0.289	28.3	#VALUE!	496.2303088
5439000	11/11/2011	192	192	1.62	318.53	1220	7.6103%	TSS	--	0.289	28.3	#VALUE!	496.2303088
5439000	4/24/1998	191	191	1.62	316.91	1233	7.6913%	TSS	--	0.289	28.3	#VALUE!	493.7110824
5439000	5/5/1990	191	191	1.62	316.91	1233	7.6913%	TSS	--	0.289	28.3	#VALUE!	493.7110824
5439000	9/16/1993	191	191	1.62	316.91	1233	7.6913%	TSS	--	0.289	28.3	#VALUE!	493.7110824
5439000	4/14/1995	191	191	1.62	316.91	1233	7.6913%	TSS	--	0.289	28.3	#VALUE!	493.7110824
5439000	4/24/1927	190	190	1.62	315.30	1237	7.7163%	TSS	--	0.289	28.3	#VALUE!	491.191856
5439000	12/1/1987	190	190	1.62	315.30	1237	7.7163%	TSS	--	0.289	28.3	#VALUE!	491.191856
5439000	3/28/2009	190	190	1.62	315.30	1237	7.7163%	TSS	--	0.289	28.3	#VALUE!	491.191856
5439000	4/7/1926	190	190	1.62	315.30	1237	7.7163%	TSS	--	0.289	28.3	#VALUE!	491.191856
5439000	6/15/1926	190	190	1.62	315.30	1237	7.7163%	TSS	--	0.289	28.3	#VALUE!	491.191856
5439000	3/14/1927	190	190	1.62	315.30	1237	7.7163%	TSS	--	0.289	28.3	#VALUE!	491.191856
5439000	5/31/1927	190	190	1.62	315.30	1237	7.7163%	TSS	--	0.289	28.3	#VALUE!	491.191856
5439000	11/24/1928	190	190	1.62	315.30	1237	7.7163%	TSS	--	0.289	28.3	#VALUE!	491.191856
5439000	12/19/1928	190	190	1.62	315.30	1237	7.7163%	TSS	--	0.289	28.3	#VALUE!	491.191856
5439000	2/5/1993	190	190	1.62	315.30	1237	7.7163%	TSS	--	0.289	28.3	#VALUE!	491.191856
5439000	4/11/1998	190	190	1.62	315.30	1237	7.7163%	TSS	--	0.289	28.3	#VALUE!	491.191856
5439000	5/19/2002	190	190	1.62	315.30	1237	7.7163%	TSS	--	0.289	28.3	#VALUE!	491.191856

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/12/1987	189	189	1.62	313.68	1249	7.7912%	TSS	--	0.289	28.3	#VALUE!	488.6726296
5439000	9/24/1980	189	189	1.62	313.68	1249	7.7912%	TSS	--	0.289	28.3	#VALUE!	488.6726296
5439000	5/2/1981	189	189	1.62	313.68	1249	7.7912%	TSS	--	0.289	28.3	#VALUE!	488.6726296
5439000	5/25/1987	189	189	1.62	313.68	1249	7.7912%	TSS	--	0.289	28.3	#VALUE!	488.6726296
5439000	8/21/1990	189	189	1.62	313.68	1249	7.7912%	TSS	--	0.289	28.3	#VALUE!	488.6726296
5439000	5/7/2009	189	189	1.62	313.68	1249	7.7912%	TSS	--	0.289	28.3	#VALUE!	488.6726296
5439000	7/7/1928	188	188	1.62	312.06	1255	7.8286%	TSS	--	0.289	28.3	#VALUE!	486.1534033
5439000	5/28/2009	188	188	1.62	312.06	1255	7.8286%	TSS	--	0.289	28.3	#VALUE!	486.1534033
5439000	10/9/1927	188	188	1.62	312.06	1255	7.8286%	TSS	--	0.289	28.3	#VALUE!	486.1534033
5439000	9/30/1993	188	188	1.62	312.06	1255	7.8286%	TSS	--	0.289	28.3	#VALUE!	486.1534033
5439000	3/15/2009	188	188	1.62	312.06	1255	7.8286%	TSS	--	0.289	28.3	#VALUE!	486.1534033
5439000	4/4/2009	188	188	1.62	312.06	1255	7.8286%	TSS	--	0.289	28.3	#VALUE!	486.1534033
5439000	6/14/2013	188	188	1.62	312.06	1255	7.8286%	TSS	--	0.289	28.3	#VALUE!	486.1534033
5439000	6/12/2014	188	188	1.62	312.06	1255	7.8286%	TSS	--	0.289	28.3	#VALUE!	486.1534033
5439000	12/29/1984	187	187	1.62	310.44	1263	7.8785%	TSS	--	0.289	28.3	#VALUE!	483.6341769
5439000	3/18/2001	187	187	1.62	310.44	1263	7.8785%	TSS	--	0.289	28.3	#VALUE!	483.6341769
5439000	4/13/1980	187	187	1.62	310.44	1263	7.8785%	TSS	--	0.289	28.3	#VALUE!	483.6341769
5439000	4/18/1991	187	187	1.62	310.44	1263	7.8785%	TSS	--	0.289	28.3	#VALUE!	483.6341769
5439000	4/29/1995	187	187	1.62	310.44	1263	7.8785%	TSS	--	0.289	28.3	#VALUE!	483.6341769
5439000	5/21/1996	187	187	1.62	310.44	1263	7.8785%	TSS	--	0.289	28.3	#VALUE!	483.6341769
5439000	1/12/2008	187	187	1.62	310.44	1263	7.8785%	TSS	--	0.289	28.3	#VALUE!	483.6341769
5439000	4/8/2010	187	187	1.62	310.44	1263	7.8785%	TSS	--	0.289	28.3	#VALUE!	483.6341769
5439000	7/7/2015	187	187	1.62	310.44	1263	7.8785%	TSS	--	0.289	28.3	#VALUE!	483.6341769
5439000	4/17/1980	186	186	1.62	308.83	1272	7.9346%	TSS	--	0.289	28.3	#VALUE!	481.1149505
5439000	12/29/1982	186	186	1.62	308.83	1272	7.9346%	TSS	--	0.289	28.3	#VALUE!	481.1149505
5439000	6/3/1991	186	186	1.62	308.83	1272	7.9346%	TSS	--	0.289	28.3	#VALUE!	481.1149505
5439000	6/10/2008	186	186	1.62	308.83	1272	7.9346%	TSS	--	0.289	28.3	#VALUE!	481.1149505
5439000	4/28/1981	186	186	1.62	308.83	1272	7.9346%	TSS	--	0.289	28.3	#VALUE!	481.1149505
5439000	5/15/1981	186	186	1.62	308.83	1272	7.9346%	TSS	--	0.289	28.3	#VALUE!	481.1149505
5439000	5/29/1982	186	186	1.62	308.83	1272	7.9346%	TSS	--	0.289	28.3	#VALUE!	481.1149505
5439000	2/22/1983	186	186	1.62	308.83	1272	7.9346%	TSS	--	0.289	28.3	#VALUE!	481.1149505
5439000	4/16/1983	186	186	1.62	308.83	1272	7.9346%	TSS	--	0.289	28.3	#VALUE!	481.1149505

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/20/1986	186	186	1.62	308.83	1272	7.9346%	TSS	--	0.289	28.3	#VALUE!	481.1149505
5439000	6/26/1996	186	186	1.62	308.83	1272	7.9346%	TSS	--	0.289	28.3	#VALUE!	481.1149505
5439000	3/5/1997	186	186	1.62	308.83	1272	7.9346%	TSS	--	0.289	28.3	#VALUE!	481.1149505
5439000	1/29/1999	186	186	1.62	308.83	1272	7.9346%	TSS	--	0.289	28.3	#VALUE!	481.1149505
5439000	3/1/2011	186	186	1.62	308.83	1272	7.9346%	TSS	--	0.289	28.3	#VALUE!	481.1149505
5439000	5/23/1984	185	185	1.62	307.21	1286	8.0220%	TSS	--	0.289	28.3	#VALUE!	478.5957241
5439000	6/15/2011	185	185	1.62	307.21	1286	8.0220%	TSS	--	0.289	28.3	#VALUE!	478.5957241
5439000	3/12/1982	185	185	1.62	307.21	1286	8.0220%	TSS	--	0.289	28.3	#VALUE!	478.5957241
5439000	7/10/1983	185	185	1.62	307.21	1286	8.0220%	TSS	--	0.289	28.3	#VALUE!	478.5957241
5439000	6/18/2000	185	185	1.62	307.21	1286	8.0220%	TSS	--	0.289	28.3	#VALUE!	478.5957241
5439000	6/6/2004	185	185	1.62	307.21	1286	8.0220%	TSS	--	0.289	28.3	#VALUE!	478.5957241
5439000	9/22/2008	185	185	1.62	307.21	1286	8.0220%	TSS	--	0.289	28.3	#VALUE!	478.5957241
5439000	4/4/2014	185	185	1.62	307.21	1286	8.0220%	TSS	--	0.289	28.3	#VALUE!	478.5957241
5439000	3/13/1985	184	184	1.62	305.59	1294	8.0719%	TSS	--	0.289	28.3	#VALUE!	476.0764977
5439000	4/12/1993	184	184	1.62	305.59	1294	8.0719%	TSS	--	0.289	28.3	#VALUE!	476.0764977
5439000	3/7/2004	184	184	1.62	305.59	1294	8.0719%	TSS	--	0.289	28.3	#VALUE!	476.0764977
5439000	7/11/1982	184	184	1.62	305.59	1294	8.0719%	TSS	--	0.289	28.3	#VALUE!	476.0764977
5439000	12/12/1982	184	184	1.62	305.59	1294	8.0719%	TSS	--	0.289	28.3	#VALUE!	476.0764977
5439000	11/24/1985	184	184	1.62	305.59	1294	8.0719%	TSS	--	0.289	28.3	#VALUE!	476.0764977
5439000	12/5/1985	184	184	1.62	305.59	1294	8.0719%	TSS	--	0.289	28.3	#VALUE!	476.0764977
5439000	5/18/1991	184	184	1.62	305.59	1294	8.0719%	TSS	--	0.289	28.3	#VALUE!	476.0764977
5439000	4/30/1999	184	184	1.62	305.59	1294	8.0719%	TSS	--	0.289	28.3	#VALUE!	476.0764977
5439000	5/17/1999	184	184	1.62	305.59	1294	8.0719%	TSS	--	0.289	28.3	#VALUE!	476.0764977
5439000	5/15/2003	184	184	1.62	305.59	1294	8.0719%	TSS	--	0.289	28.3	#VALUE!	476.0764977
5439000	1/27/2010	184	184	1.62	305.59	1294	8.0719%	TSS	--	0.289	28.3	#VALUE!	476.0764977
5439000	3/14/1985	183	183	1.62	303.98	1306	8.1467%	TSS	--	0.289	28.3	#VALUE!	473.5572713
5439000	5/28/2004	183	183	1.62	303.98	1306	8.1467%	TSS	--	0.289	28.3	#VALUE!	473.5572713
5439000	6/3/1980	183	183	1.62	303.98	1306	8.1467%	TSS	--	0.289	28.3	#VALUE!	473.5572713
5439000	3/21/1983	183	183	1.62	303.98	1306	8.1467%	TSS	--	0.289	28.3	#VALUE!	473.5572713
5439000	4/2/1988	183	183	1.62	303.98	1306	8.1467%	TSS	--	0.289	28.3	#VALUE!	473.5572713
5439000	3/8/1994	183	183	1.62	303.98	1306	8.1467%	TSS	--	0.289	28.3	#VALUE!	473.5572713
5439000	4/3/1998	183	183	1.62	303.98	1306	8.1467%	TSS	--	0.289	28.3	#VALUE!	473.5572713

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/14/2004	183	183	1.62	303.98	1306	8.1467%	TSS	--	0.289	28.3	#VALUE!	473.5572713
5439000	4/5/2010	183	183	1.62	303.98	1306	8.1467%	TSS	--	0.289	28.3	#VALUE!	473.5572713
5439000	6/4/2011	183	183	1.62	303.98	1306	8.1467%	TSS	--	0.289	28.3	#VALUE!	473.5572713
5439000	12/12/1931	182	182	1.62	302.36	1316	8.2091%	TSS	--	0.289	28.3	#VALUE!	471.038045
5439000	5/28/1983	182	182	1.62	302.36	1316	8.2091%	TSS	--	0.289	28.3	#VALUE!	471.038045
5439000	3/5/2007	182	182	1.62	302.36	1316	8.2091%	TSS	--	0.289	28.3	#VALUE!	471.038045
5439000	3/5/1932	182	182	1.62	302.36	1316	8.2091%	TSS	--	0.289	28.3	#VALUE!	471.038045
5439000	5/7/1933	182	182	1.62	302.36	1316	8.2091%	TSS	--	0.289	28.3	#VALUE!	471.038045
5439000	10/18/1980	182	182	1.62	302.36	1316	8.2091%	TSS	--	0.289	28.3	#VALUE!	471.038045
5439000	3/30/1991	182	182	1.62	302.36	1316	8.2091%	TSS	--	0.289	28.3	#VALUE!	471.038045
5439000	11/29/1992	182	182	1.62	302.36	1316	8.2091%	TSS	--	0.289	28.3	#VALUE!	471.038045
5439000	6/27/1993	182	182	1.62	302.36	1316	8.2091%	TSS	--	0.289	28.3	#VALUE!	471.038045
5439000	4/29/2011	182	182	1.62	302.36	1316	8.2091%	TSS	--	0.289	28.3	#VALUE!	471.038045
5439000	7/28/1996	181	181	1.62	300.74	1326	8.2715%	TSS	--	0.289	28.3	#VALUE!	468.5188186
5439000	5/18/2011	181	181	1.62	300.74	1326	8.2715%	TSS	--	0.289	28.3	#VALUE!	468.5188186
5439000	7/10/1982	181	181	1.62	300.74	1326	8.2715%	TSS	--	0.289	28.3	#VALUE!	468.5188186
5439000	5/3/1983	181	181	1.62	300.74	1326	8.2715%	TSS	--	0.289	28.3	#VALUE!	468.5188186
5439000	2/4/1999	181	181	1.62	300.74	1326	8.2715%	TSS	--	0.289	28.3	#VALUE!	468.5188186
5439000	6/11/2002	181	181	1.62	300.74	1326	8.2715%	TSS	--	0.289	28.3	#VALUE!	468.5188186
5439000	12/9/2008	181	181	1.62	300.74	1326	8.2715%	TSS	--	0.289	28.3	#VALUE!	468.5188186
5439000	4/17/1927	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922
5439000	11/13/1982	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922
5439000	5/20/1990	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922
5439000	3/31/1998	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922
5439000	9/28/1926	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922
5439000	10/8/1926	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922
5439000	11/30/1926	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922
5439000	6/5/1927	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922
5439000	3/26/1929	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922
5439000	6/18/1929	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922
5439000	2/19/1983	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922
5439000	4/5/1988	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/11/1988	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922
5439000	3/23/1991	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922
5439000	4/14/1991	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922
5439000	6/23/1993	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922
5439000	5/6/1998	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922
5439000	3/16/2007	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922
5439000	6/24/2015	180	180	1.62	299.13	1333	8.3151%	TSS	--	0.289	28.3	#VALUE!	465.9995922
5439000	10/4/1986	179	179	1.62	297.51	1352	8.4337%	TSS	--	0.289	28.3	#VALUE!	463.4803658
5439000	3/10/1998	179	179	1.62	297.51	1352	8.4337%	TSS	--	0.289	28.3	#VALUE!	463.4803658
5439000	4/11/2002	179	179	1.62	297.51	1352	8.4337%	TSS	--	0.289	28.3	#VALUE!	463.4803658
5439000	6/25/2010	179	179	1.62	297.51	1352	8.4337%	TSS	--	0.289	28.3	#VALUE!	463.4803658
5439000	3/13/1928	178	178	1.62	295.89	1356	8.4586%	TSS	--	0.289	28.3	#VALUE!	460.9611394
5439000	9/9/1989	178	178	1.62	295.89	1356	8.4586%	TSS	--	0.289	28.3	#VALUE!	460.9611394
5439000	11/11/1998	178	178	1.62	295.89	1356	8.4586%	TSS	--	0.289	28.3	#VALUE!	460.9611394
5439000	5/27/2015	178	178	1.62	295.89	1356	8.4586%	TSS	--	0.289	28.3	#VALUE!	460.9611394
5439000	4/11/1928	178	178	1.62	295.89	1356	8.4586%	TSS	--	0.289	28.3	#VALUE!	460.9611394
5439000	4/14/1928	178	178	1.62	295.89	1356	8.4586%	TSS	--	0.289	28.3	#VALUE!	460.9611394
5439000	12/29/1987	178	178	1.62	295.89	1356	8.4586%	TSS	--	0.289	28.3	#VALUE!	460.9611394
5439000	3/8/1990	178	178	1.62	295.89	1356	8.4586%	TSS	--	0.289	28.3	#VALUE!	460.9611394
5439000	3/21/1998	178	178	1.62	295.89	1356	8.4586%	TSS	--	0.289	28.3	#VALUE!	460.9611394
5439000	11/10/1998	178	178	1.62	295.89	1356	8.4586%	TSS	--	0.289	28.3	#VALUE!	460.9611394
5439000	6/24/2000	178	178	1.62	295.89	1356	8.4586%	TSS	--	0.289	28.3	#VALUE!	460.9611394
5439000	6/5/2001	178	178	1.62	295.89	1356	8.4586%	TSS	--	0.289	28.3	#VALUE!	460.9611394
5439000	3/8/2010	178	178	1.62	295.89	1356	8.4586%	TSS	--	0.289	28.3	#VALUE!	460.9611394
5439000	1/8/1998	177	177	1.62	294.27	1369	8.5397%	TSS	--	0.289	28.3	#VALUE!	458.441913
5439000	4/22/1984	177	177	1.62	294.27	1369	8.5397%	TSS	--	0.289	28.3	#VALUE!	458.441913
5439000	5/31/1984	177	177	1.62	294.27	1369	8.5397%	TSS	--	0.289	28.3	#VALUE!	458.441913
5439000	11/3/1987	177	177	1.62	294.27	1369	8.5397%	TSS	--	0.289	28.3	#VALUE!	458.441913
5439000	5/12/2000	177	177	1.62	294.27	1369	8.5397%	TSS	--	0.289	28.3	#VALUE!	458.441913
5439000	4/10/2015	177	177	1.62	294.27	1369	8.5397%	TSS	--	0.289	28.3	#VALUE!	458.441913
5439000	7/4/2000	176	176	1.62	292.66	1375	8.5771%	TSS	--	0.289	28.3	#VALUE!	455.9226867
5439000	9/3/2007	176	176	1.62	292.66	1375	8.5771%	TSS	--	0.289	28.3	#VALUE!	455.9226867

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/17/2013	176	176	1.62	292.66	1375	8.5771%	TSS	--	0.289	28.3	#VALUE!	455.9226867
5439000	11/5/1985	176	176	1.62	292.66	1375	8.5771%	TSS	--	0.289	28.3	#VALUE!	455.9226867
5439000	3/1/2001	176	176	1.62	292.66	1375	8.5771%	TSS	--	0.289	28.3	#VALUE!	455.9226867
5439000	3/30/2004	176	176	1.62	292.66	1375	8.5771%	TSS	--	0.289	28.3	#VALUE!	455.9226867
5439000	3/27/2007	176	176	1.62	292.66	1375	8.5771%	TSS	--	0.289	28.3	#VALUE!	455.9226867
5439000	1/3/2009	176	176	1.62	292.66	1375	8.5771%	TSS	--	0.289	28.3	#VALUE!	455.9226867
5439000	5/18/2009	176	176	1.62	292.66	1375	8.5771%	TSS	--	0.289	28.3	#VALUE!	455.9226867
5439000	6/11/2009	176	176	1.62	292.66	1375	8.5771%	TSS	--	0.289	28.3	#VALUE!	455.9226867
5439000	1/25/1993	175	175	1.62	291.04	1385	8.6395%	TSS	--	0.289	28.3	#VALUE!	453.4034603
5439000	7/26/1996	175	175	1.62	291.04	1385	8.6395%	TSS	--	0.289	28.3	#VALUE!	453.4034603
5439000	7/3/2013	175	175	1.62	291.04	1385	8.6395%	TSS	--	0.289	28.3	#VALUE!	453.4034603
5439000	10/18/1981	175	175	1.62	291.04	1385	8.6395%	TSS	--	0.289	28.3	#VALUE!	453.4034603
5439000	4/19/1982	175	175	1.62	291.04	1385	8.6395%	TSS	--	0.289	28.3	#VALUE!	453.4034603
5439000	5/15/1990	175	175	1.62	291.04	1385	8.6395%	TSS	--	0.289	28.3	#VALUE!	453.4034603
5439000	5/3/1993	175	175	1.62	291.04	1385	8.6395%	TSS	--	0.289	28.3	#VALUE!	453.4034603
5439000	5/7/1993	175	175	1.62	291.04	1385	8.6395%	TSS	--	0.289	28.3	#VALUE!	453.4034603
5439000	7/22/1993	175	175	1.62	291.04	1385	8.6395%	TSS	--	0.289	28.3	#VALUE!	453.4034603
5439000	2/2/2001	175	175	1.62	291.04	1385	8.6395%	TSS	--	0.289	28.3	#VALUE!	453.4034603
5439000	6/5/2008	175	175	1.62	291.04	1385	8.6395%	TSS	--	0.289	28.3	#VALUE!	453.4034603
5439000	6/15/2009	175	175	1.62	291.04	1385	8.6395%	TSS	--	0.289	28.3	#VALUE!	453.4034603
5439000	3/22/2001	174	174	1.62	289.42	1397	8.7144%	TSS	--	0.289	28.3	#VALUE!	450.8842339
5439000	4/6/1982	174	174	1.62	289.42	1397	8.7144%	TSS	--	0.289	28.3	#VALUE!	450.8842339
5439000	10/1/1993	174	174	1.62	289.42	1397	8.7144%	TSS	--	0.289	28.3	#VALUE!	450.8842339
5439000	6/17/1999	174	174	1.62	289.42	1397	8.7144%	TSS	--	0.289	28.3	#VALUE!	450.8842339
5439000	5/19/2004	174	174	1.62	289.42	1397	8.7144%	TSS	--	0.289	28.3	#VALUE!	450.8842339
5439000	4/3/2008	174	174	1.62	289.42	1397	8.7144%	TSS	--	0.289	28.3	#VALUE!	450.8842339
5439000	6/29/1985	173	173	1.62	287.81	1403	8.7518%	TSS	--	0.289	28.3	#VALUE!	448.3650075
5439000	6/7/2001	173	173	1.62	287.81	1403	8.7518%	TSS	--	0.289	28.3	#VALUE!	448.3650075
5439000	5/30/1983	173	173	1.62	287.81	1403	8.7518%	TSS	--	0.289	28.3	#VALUE!	448.3650075
5439000	3/19/1990	173	173	1.62	287.81	1403	8.7518%	TSS	--	0.289	28.3	#VALUE!	448.3650075
5439000	5/13/1998	173	173	1.62	287.81	1403	8.7518%	TSS	--	0.289	28.3	#VALUE!	448.3650075
5439000	5/16/1999	173	173	1.62	287.81	1403	8.7518%	TSS	--	0.289	28.3	#VALUE!	448.3650075

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/6/2003	173	173	1.62	287.81	1403	8.7518%	TSS	--	0.289	28.3	#VALUE!	448.3650075
5439000	4/25/2011	173	173	1.62	287.81	1403	8.7518%	TSS	--	0.289	28.3	#VALUE!	448.3650075
5439000	7/17/2015	173	173	1.62	287.81	1403	8.7518%	TSS	--	0.289	28.3	#VALUE!	448.3650075
5439000	2/24/1930	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	1/17/1932	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	5/27/1933	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	8/22/1980	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	11/4/2009	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	2/28/1930	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	4/23/1930	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	1/15/1932	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	2/11/1932	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	4/1/1932	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	5/14/1933	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	4/10/1980	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	8/13/1980	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	8/16/1980	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	2/23/1983	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	2/22/1984	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	2/11/1998	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	12/31/2009	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	3/1/2012	172	172	1.62	286.19	1412	8.8079%	TSS	--	0.289	28.3	#VALUE!	445.8457811
5439000	9/3/1987	171	171	1.62	284.57	1431	8.9265%	TSS	--	0.289	28.3	#VALUE!	443.3265548
5439000	6/12/1996	171	171	1.62	284.57	1431	8.9265%	TSS	--	0.289	28.3	#VALUE!	443.3265548
5439000	5/2/2003	171	171	1.62	284.57	1431	8.9265%	TSS	--	0.289	28.3	#VALUE!	443.3265548
5439000	7/14/1986	171	171	1.62	284.57	1431	8.9265%	TSS	--	0.289	28.3	#VALUE!	443.3265548
5439000	9/1/1989	171	171	1.62	284.57	1431	8.9265%	TSS	--	0.289	28.3	#VALUE!	443.3265548
5439000	6/7/1993	171	171	1.62	284.57	1431	8.9265%	TSS	--	0.289	28.3	#VALUE!	443.3265548
5439000	11/13/1995	171	171	1.62	284.57	1431	8.9265%	TSS	--	0.289	28.3	#VALUE!	443.3265548
5439000	5/9/1997	171	171	1.62	284.57	1431	8.9265%	TSS	--	0.289	28.3	#VALUE!	443.3265548
5439000	2/1/1999	171	171	1.62	284.57	1431	8.9265%	TSS	--	0.289	28.3	#VALUE!	443.3265548
5439000	2/16/2001	171	171	1.62	284.57	1431	8.9265%	TSS	--	0.289	28.3	#VALUE!	443.3265548

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/11/2007	171	171	1.62	284.57	1431	8.9265%	TSS	--	0.289	28.3	#VALUE!	443.3265548
5439000	4/26/2009	171	171	1.62	284.57	1431	8.9265%	TSS	--	0.289	28.3	#VALUE!	443.3265548
5439000	5/13/2015	171	171	1.62	284.57	1431	8.9265%	TSS	--	0.289	28.3	#VALUE!	443.3265548
5439000	2/20/1926	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	2/8/1927	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	5/11/1927	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	7/27/1982	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	12/15/2006	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	4/13/1926	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	9/16/1926	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	11/23/1926	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	3/15/1927	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	4/5/1927	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	5/2/1927	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	3/9/1929	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	4/29/1929	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	3/15/1982	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	12/30/1984	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	4/8/1998	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	3/31/2004	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	2/26/2009	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	7/25/2010	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	2/29/2012	170	170	1.62	282.95	1444	9.0075%	TSS	--	0.289	28.3	#VALUE!	440.8073284
5439000	4/16/1982	169	169	1.62	281.34	1464	9.1323%	TSS	--	0.289	28.3	#VALUE!	438.288102
5439000	4/30/1993	169	169	1.62	281.34	1464	9.1323%	TSS	--	0.289	28.3	#VALUE!	438.288102
5439000	10/23/2001	169	169	1.62	281.34	1464	9.1323%	TSS	--	0.289	28.3	#VALUE!	438.288102
5439000	5/9/2012	169	169	1.62	281.34	1464	9.1323%	TSS	--	0.289	28.3	#VALUE!	438.288102
5439000	4/24/1984	169	169	1.62	281.34	1464	9.1323%	TSS	--	0.289	28.3	#VALUE!	438.288102
5439000	1/24/1988	169	169	1.62	281.34	1464	9.1323%	TSS	--	0.289	28.3	#VALUE!	438.288102
5439000	8/2/1989	169	169	1.62	281.34	1464	9.1323%	TSS	--	0.289	28.3	#VALUE!	438.288102
5439000	6/22/1996	169	169	1.62	281.34	1464	9.1323%	TSS	--	0.289	28.3	#VALUE!	438.288102
5439000	1/31/1999	169	169	1.62	281.34	1464	9.1323%	TSS	--	0.289	28.3	#VALUE!	438.288102

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/23/2000	169	169	1.62	281.34	1464	9.1323%	TSS	--	0.289	28.3	#VALUE!	438.288102
5439000	7/20/2008	169	169	1.62	281.34	1464	9.1323%	TSS	--	0.289	28.3	#VALUE!	438.288102
5439000	10/25/2008	169	169	1.62	281.34	1464	9.1323%	TSS	--	0.289	28.3	#VALUE!	438.288102
5439000	3/18/2010	169	169	1.62	281.34	1464	9.1323%	TSS	--	0.289	28.3	#VALUE!	438.288102
5439000	6/25/1928	168	168	1.62	279.72	1477	9.2134%	TSS	--	0.289	28.3	#VALUE!	435.7688756
5439000	11/5/1990	168	168	1.62	279.72	1477	9.2134%	TSS	--	0.289	28.3	#VALUE!	435.7688756
5439000	4/5/1928	168	168	1.62	279.72	1477	9.2134%	TSS	--	0.289	28.3	#VALUE!	435.7688756
5439000	4/15/1928	168	168	1.62	279.72	1477	9.2134%	TSS	--	0.289	28.3	#VALUE!	435.7688756
5439000	4/16/1928	168	168	1.62	279.72	1477	9.2134%	TSS	--	0.289	28.3	#VALUE!	435.7688756
5439000	4/17/1983	168	168	1.62	279.72	1477	9.2134%	TSS	--	0.289	28.3	#VALUE!	435.7688756
5439000	5/27/1984	168	168	1.62	279.72	1477	9.2134%	TSS	--	0.289	28.3	#VALUE!	435.7688756
5439000	4/22/1987	168	168	1.62	279.72	1477	9.2134%	TSS	--	0.289	28.3	#VALUE!	435.7688756
5439000	4/28/2013	168	168	1.62	279.72	1477	9.2134%	TSS	--	0.289	28.3	#VALUE!	435.7688756
5439000	3/4/1986	167	167	1.62	278.10	1486	9.2695%	TSS	--	0.289	28.3	#VALUE!	433.2496492
5439000	4/25/1993	167	167	1.62	278.10	1486	9.2695%	TSS	--	0.289	28.3	#VALUE!	433.2496492
5439000	5/4/2009	167	167	1.62	278.10	1486	9.2695%	TSS	--	0.289	28.3	#VALUE!	433.2496492
5439000	9/25/1980	167	167	1.62	278.10	1486	9.2695%	TSS	--	0.289	28.3	#VALUE!	433.2496492
5439000	4/15/1981	167	167	1.62	278.10	1486	9.2695%	TSS	--	0.289	28.3	#VALUE!	433.2496492
5439000	5/26/1987	167	167	1.62	278.10	1486	9.2695%	TSS	--	0.289	28.3	#VALUE!	433.2496492
5439000	12/7/1987	167	167	1.62	278.10	1486	9.2695%	TSS	--	0.289	28.3	#VALUE!	433.2496492
5439000	1/19/1988	167	167	1.62	278.10	1486	9.2695%	TSS	--	0.289	28.3	#VALUE!	433.2496492
5439000	3/22/1994	167	167	1.62	278.10	1486	9.2695%	TSS	--	0.289	28.3	#VALUE!	433.2496492
5439000	1/6/1998	167	167	1.62	278.10	1486	9.2695%	TSS	--	0.289	28.3	#VALUE!	433.2496492
5439000	4/8/2002	167	167	1.62	278.10	1486	9.2695%	TSS	--	0.289	28.3	#VALUE!	433.2496492
5439000	5/8/2009	167	167	1.62	278.10	1486	9.2695%	TSS	--	0.289	28.3	#VALUE!	433.2496492
5439000	3/12/2011	167	167	1.62	278.10	1486	9.2695%	TSS	--	0.289	28.3	#VALUE!	433.2496492
5439000	11/1/1984	166	166	1.62	276.49	1499	9.3506%	TSS	--	0.289	28.3	#VALUE!	430.7304228
5439000	3/8/2002	166	166	1.62	276.49	1499	9.3506%	TSS	--	0.289	28.3	#VALUE!	430.7304228
5439000	8/28/2009	166	166	1.62	276.49	1499	9.3506%	TSS	--	0.289	28.3	#VALUE!	430.7304228
5439000	6/14/1984	166	166	1.62	276.49	1499	9.3506%	TSS	--	0.289	28.3	#VALUE!	430.7304228
5439000	4/25/1987	166	166	1.62	276.49	1499	9.3506%	TSS	--	0.289	28.3	#VALUE!	430.7304228
5439000	3/8/1992	166	166	1.62	276.49	1499	9.3506%	TSS	--	0.289	28.3	#VALUE!	430.7304228

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/4/1998	166	166	1.62	276.49	1499	9.3506%	TSS	--	0.289	28.3	#VALUE!	430.7304228
5439000	3/16/2009	166	166	1.62	276.49	1499	9.3506%	TSS	--	0.289	28.3	#VALUE!	430.7304228
5439000	3/17/2009	166	166	1.62	276.49	1499	9.3506%	TSS	--	0.289	28.3	#VALUE!	430.7304228
5439000	4/23/2009	166	166	1.62	276.49	1499	9.3506%	TSS	--	0.289	28.3	#VALUE!	430.7304228
5439000	10/25/2009	166	166	1.62	276.49	1499	9.3506%	TSS	--	0.289	28.3	#VALUE!	430.7304228
5439000	5/24/1986	165	165	1.62	274.87	1510	9.4193%	TSS	--	0.289	28.3	#VALUE!	428.2111965
5439000	2/11/1999	165	165	1.62	274.87	1510	9.4193%	TSS	--	0.289	28.3	#VALUE!	428.2111965
5439000	7/28/1982	165	165	1.62	274.87	1510	9.4193%	TSS	--	0.289	28.3	#VALUE!	428.2111965
5439000	12/13/1982	165	165	1.62	274.87	1510	9.4193%	TSS	--	0.289	28.3	#VALUE!	428.2111965
5439000	12/13/1991	165	165	1.62	274.87	1510	9.4193%	TSS	--	0.289	28.3	#VALUE!	428.2111965
5439000	7/23/1993	165	165	1.62	274.87	1510	9.4193%	TSS	--	0.289	28.3	#VALUE!	428.2111965
5439000	6/6/1995	165	165	1.62	274.87	1510	9.4193%	TSS	--	0.289	28.3	#VALUE!	428.2111965
5439000	3/6/2007	165	165	1.62	274.87	1510	9.4193%	TSS	--	0.289	28.3	#VALUE!	428.2111965
5439000	7/6/2014	165	165	1.62	274.87	1510	9.4193%	TSS	--	0.289	28.3	#VALUE!	428.2111965
5439000	8/20/1990	164	164	1.62	273.25	1519	9.4754%	TSS	--	0.289	28.3	#VALUE!	425.6919701
5439000	6/1/1995	164	164	1.62	273.25	1519	9.4754%	TSS	--	0.289	28.3	#VALUE!	425.6919701
5439000	4/16/2008	164	164	1.62	273.25	1519	9.4754%	TSS	--	0.289	28.3	#VALUE!	425.6919701
5439000	3/10/1989	164	164	1.62	273.25	1519	9.4754%	TSS	--	0.289	28.3	#VALUE!	425.6919701
5439000	7/2/1993	164	164	1.62	273.25	1519	9.4754%	TSS	--	0.289	28.3	#VALUE!	425.6919701
5439000	7/27/1993	164	164	1.62	273.25	1519	9.4754%	TSS	--	0.289	28.3	#VALUE!	425.6919701
5439000	5/15/1995	164	164	1.62	273.25	1519	9.4754%	TSS	--	0.289	28.3	#VALUE!	425.6919701
5439000	4/25/1998	164	164	1.62	273.25	1519	9.4754%	TSS	--	0.289	28.3	#VALUE!	425.6919701
5439000	7/7/1998	164	164	1.62	273.25	1519	9.4754%	TSS	--	0.289	28.3	#VALUE!	425.6919701
5439000	5/20/2002	164	164	1.62	273.25	1519	9.4754%	TSS	--	0.289	28.3	#VALUE!	425.6919701
5439000	5/18/2010	164	164	1.62	273.25	1519	9.4754%	TSS	--	0.289	28.3	#VALUE!	425.6919701
5439000	1/18/1932	163	163	1.62	271.63	1530	9.5440%	TSS	--	0.289	28.3	#VALUE!	423.1727437
5439000	12/26/1932	163	163	1.62	271.63	1530	9.5440%	TSS	--	0.289	28.3	#VALUE!	423.1727437
5439000	11/6/1990	163	163	1.62	271.63	1530	9.5440%	TSS	--	0.289	28.3	#VALUE!	423.1727437
5439000	12/8/1991	163	163	1.62	271.63	1530	9.5440%	TSS	--	0.289	28.3	#VALUE!	423.1727437
5439000	2/21/2002	163	163	1.62	271.63	1530	9.5440%	TSS	--	0.289	28.3	#VALUE!	423.1727437
5439000	7/14/2015	163	163	1.62	271.63	1530	9.5440%	TSS	--	0.289	28.3	#VALUE!	423.1727437
5439000	3/1/1930	163	163	1.62	271.63	1530	9.5440%	TSS	--	0.289	28.3	#VALUE!	423.1727437

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/16/1932	163	163	1.62	271.63	1530	9.5440%	TSS	--	0.289	28.3	#VALUE!	423.1727437
5439000	3/2/1932	163	163	1.62	271.63	1530	9.5440%	TSS	--	0.289	28.3	#VALUE!	423.1727437
5439000	3/6/1932	163	163	1.62	271.63	1530	9.5440%	TSS	--	0.289	28.3	#VALUE!	423.1727437
5439000	3/26/1932	163	163	1.62	271.63	1530	9.5440%	TSS	--	0.289	28.3	#VALUE!	423.1727437
5439000	7/4/1933	163	163	1.62	271.63	1530	9.5440%	TSS	--	0.289	28.3	#VALUE!	423.1727437
5439000	5/20/1987	163	163	1.62	271.63	1530	9.5440%	TSS	--	0.289	28.3	#VALUE!	423.1727437
5439000	2/2/1990	163	163	1.62	271.63	1530	9.5440%	TSS	--	0.289	28.3	#VALUE!	423.1727437
5439000	6/24/2009	163	163	1.62	271.63	1530	9.5440%	TSS	--	0.289	28.3	#VALUE!	423.1727437
5439000	12/12/1983	162	162	1.62	270.02	1545	9.6376%	TSS	--	0.289	28.3	#VALUE!	420.6535173
5439000	11/25/1985	162	162	1.62	270.02	1545	9.6376%	TSS	--	0.289	28.3	#VALUE!	420.6535173
5439000	12/3/1990	162	162	1.62	270.02	1545	9.6376%	TSS	--	0.289	28.3	#VALUE!	420.6535173
5439000	4/13/1993	162	162	1.62	270.02	1545	9.6376%	TSS	--	0.289	28.3	#VALUE!	420.6535173
5439000	11/12/1994	162	162	1.62	270.02	1545	9.6376%	TSS	--	0.289	28.3	#VALUE!	420.6535173
5439000	2/13/1999	162	162	1.62	270.02	1545	9.6376%	TSS	--	0.289	28.3	#VALUE!	420.6535173
5439000	5/11/2000	162	162	1.62	270.02	1545	9.6376%	TSS	--	0.289	28.3	#VALUE!	420.6535173
5439000	4/24/2009	162	162	1.62	270.02	1545	9.6376%	TSS	--	0.289	28.3	#VALUE!	420.6535173
5439000	5/17/2015	162	162	1.62	270.02	1545	9.6376%	TSS	--	0.289	28.3	#VALUE!	420.6535173
5439000	2/21/1986	162	162	1.62	270.02	1545	9.6376%	TSS	--	0.289	28.3	#VALUE!	420.6535173
5439000	5/12/1996	162	162	1.62	270.02	1545	9.6376%	TSS	--	0.289	28.3	#VALUE!	420.6535173
5439000	12/18/2011	162	162	1.62	270.02	1545	9.6376%	TSS	--	0.289	28.3	#VALUE!	420.6535173
5439000	11/25/1928	161	161	1.62	268.40	1557	9.7124%	TSS	--	0.289	28.3	#VALUE!	418.1342909
5439000	12/4/1928	161	161	1.62	268.40	1557	9.7124%	TSS	--	0.289	28.3	#VALUE!	418.1342909
5439000	5/16/1981	161	161	1.62	268.40	1557	9.7124%	TSS	--	0.289	28.3	#VALUE!	418.1342909
5439000	6/20/1981	161	161	1.62	268.40	1557	9.7124%	TSS	--	0.289	28.3	#VALUE!	418.1342909
5439000	6/1/1982	161	161	1.62	268.40	1557	9.7124%	TSS	--	0.289	28.3	#VALUE!	418.1342909
5439000	9/2/1989	161	161	1.62	268.40	1557	9.7124%	TSS	--	0.289	28.3	#VALUE!	418.1342909
5439000	7/20/1990	161	161	1.62	268.40	1557	9.7124%	TSS	--	0.289	28.3	#VALUE!	418.1342909
5439000	4/10/1991	161	161	1.62	268.40	1557	9.7124%	TSS	--	0.289	28.3	#VALUE!	418.1342909
5439000	1/2/1993	161	161	1.62	268.40	1557	9.7124%	TSS	--	0.289	28.3	#VALUE!	418.1342909
5439000	4/29/1993	161	161	1.62	268.40	1557	9.7124%	TSS	--	0.289	28.3	#VALUE!	418.1342909
5439000	6/29/1993	161	161	1.62	268.40	1557	9.7124%	TSS	--	0.289	28.3	#VALUE!	418.1342909
5439000	5/13/2004	161	161	1.62	268.40	1557	9.7124%	TSS	--	0.289	28.3	#VALUE!	418.1342909

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/5/2009	161	161	1.62	268.40	1557	9.7124%	TSS	--	0.289	28.3	#VALUE!	418.1342909
5439000	4/19/2011	161	161	1.62	268.40	1557	9.7124%	TSS	--	0.289	28.3	#VALUE!	418.1342909
5439000	6/21/1929	161	161	1.62	268.40	1557	9.7124%	TSS	--	0.289	28.3	#VALUE!	418.1342909
5439000	3/15/1985	161	161	1.62	268.40	1557	9.7124%	TSS	--	0.289	28.3	#VALUE!	418.1342909
5439000	12/10/1991	161	161	1.62	268.40	1557	9.7124%	TSS	--	0.289	28.3	#VALUE!	418.1342909
5439000	6/15/1998	161	161	1.62	268.40	1557	9.7124%	TSS	--	0.289	28.3	#VALUE!	418.1342909
5439000	10/9/1926	160	160	1.62	266.78	1575	9.8247%	TSS	--	0.289	28.3	#VALUE!	415.6150645
5439000	11/24/1926	160	160	1.62	266.78	1575	9.8247%	TSS	--	0.289	28.3	#VALUE!	415.6150645
5439000	12/1/1926	160	160	1.62	266.78	1575	9.8247%	TSS	--	0.289	28.3	#VALUE!	415.6150645
5439000	4/25/1927	160	160	1.62	266.78	1575	9.8247%	TSS	--	0.289	28.3	#VALUE!	415.6150645
5439000	11/15/1992	160	160	1.62	266.78	1575	9.8247%	TSS	--	0.289	28.3	#VALUE!	415.6150645
5439000	8/11/1996	160	160	1.62	266.78	1575	9.8247%	TSS	--	0.289	28.3	#VALUE!	415.6150645
5439000	1/30/1999	160	160	1.62	266.78	1575	9.8247%	TSS	--	0.289	28.3	#VALUE!	415.6150645
5439000	6/7/2004	160	160	1.62	266.78	1575	9.8247%	TSS	--	0.289	28.3	#VALUE!	415.6150645
5439000	4/30/2007	160	160	1.62	266.78	1575	9.8247%	TSS	--	0.289	28.3	#VALUE!	415.6150645
5439000	3/2/2011	160	160	1.62	266.78	1575	9.8247%	TSS	--	0.289	28.3	#VALUE!	415.6150645
5439000	6/16/2011	160	160	1.62	266.78	1575	9.8247%	TSS	--	0.289	28.3	#VALUE!	415.6150645
5439000	6/26/2015	160	160	1.62	266.78	1575	9.8247%	TSS	--	0.289	28.3	#VALUE!	415.6150645
5439000	9/23/1926	160	160	1.62	266.78	1575	9.8247%	TSS	--	0.289	28.3	#VALUE!	415.6150645
5439000	4/2/1927	160	160	1.62	266.78	1575	9.8247%	TSS	--	0.289	28.3	#VALUE!	415.6150645
5439000	4/12/1998	160	160	1.62	266.78	1575	9.8247%	TSS	--	0.289	28.3	#VALUE!	415.6150645
5439000	3/7/2008	160	160	1.62	266.78	1575	9.8247%	TSS	--	0.289	28.3	#VALUE!	415.6150645
5439000	2/17/1983	159	159	1.62	265.17	1591	9.9245%	TSS	--	0.289	28.3	#VALUE!	413.0958382
5439000	11/24/1983	159	159	1.62	265.17	1591	9.9245%	TSS	--	0.289	28.3	#VALUE!	413.0958382
5439000	12/30/1987	159	159	1.62	265.17	1591	9.9245%	TSS	--	0.289	28.3	#VALUE!	413.0958382
5439000	3/21/1994	159	159	1.62	265.17	1591	9.9245%	TSS	--	0.289	28.3	#VALUE!	413.0958382
5439000	1/17/1995	159	159	1.62	265.17	1591	9.9245%	TSS	--	0.289	28.3	#VALUE!	413.0958382
5439000	12/10/2003	159	159	1.62	265.17	1591	9.9245%	TSS	--	0.289	28.3	#VALUE!	413.0958382
5439000	2/14/2009	159	159	1.62	265.17	1591	9.9245%	TSS	--	0.289	28.3	#VALUE!	413.0958382
5439000	4/7/1982	159	159	1.62	265.17	1591	9.9245%	TSS	--	0.289	28.3	#VALUE!	413.0958382
5439000	12/2/1990	159	159	1.62	265.17	1591	9.9245%	TSS	--	0.289	28.3	#VALUE!	413.0958382
5439000	3/27/2004	159	159	1.62	265.17	1591	9.9245%	TSS	--	0.289	28.3	#VALUE!	413.0958382

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/12/1927	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	1/19/1928	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	7/23/1928	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	8/4/1928	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	3/17/1980	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	1/3/1993	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	3/12/1994	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	6/23/1996	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	7/8/1998	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	2/27/2000	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	5/29/2004	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	12/24/2006	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	12/25/2007	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	6/3/2008	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	3/18/2009	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	7/14/2014	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	3/16/2015	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	2/14/1928	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	7/11/1983	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	8/1/1996	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	2/16/2005	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	12/24/2008	158	158	1.62	263.55	1601	9.9869%	TSS	--	0.289	28.3	#VALUE!	410.5766118
5439000	8/15/1981	157	157	1.62	261.93	1623	10.1241%	TSS	--	0.289	28.3	#VALUE!	408.0573854
5439000	3/23/1982	157	157	1.62	261.93	1623	10.1241%	TSS	--	0.289	28.3	#VALUE!	408.0573854
5439000	7/31/1987	157	157	1.62	261.93	1623	10.1241%	TSS	--	0.289	28.3	#VALUE!	408.0573854
5439000	12/2/1987	157	157	1.62	261.93	1623	10.1241%	TSS	--	0.289	28.3	#VALUE!	408.0573854
5439000	8/8/1989	157	157	1.62	261.93	1623	10.1241%	TSS	--	0.289	28.3	#VALUE!	408.0573854
5439000	11/30/1992	157	157	1.62	261.93	1623	10.1241%	TSS	--	0.289	28.3	#VALUE!	408.0573854
5439000	4/27/1998	157	157	1.62	261.93	1623	10.1241%	TSS	--	0.289	28.3	#VALUE!	408.0573854
5439000	9/28/1999	157	157	1.62	261.93	1623	10.1241%	TSS	--	0.289	28.3	#VALUE!	408.0573854
5439000	3/11/2002	157	157	1.62	261.93	1623	10.1241%	TSS	--	0.289	28.3	#VALUE!	408.0573854
5439000	5/14/2009	157	157	1.62	261.93	1623	10.1241%	TSS	--	0.289	28.3	#VALUE!	408.0573854

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/20/2010	157	157	1.62	261.93	1623	10.1241%	TSS	--	0.289	28.3	#VALUE!	408.0573854
5439000	4/14/1980	157	157	1.62	261.93	1623	10.1241%	TSS	--	0.289	28.3	#VALUE!	408.0573854
5439000	8/24/1987	157	157	1.62	261.93	1623	10.1241%	TSS	--	0.289	28.3	#VALUE!	408.0573854
5439000	5/2/1993	157	157	1.62	261.93	1623	10.1241%	TSS	--	0.289	28.3	#VALUE!	408.0573854
5439000	9/23/2008	157	157	1.62	261.93	1623	10.1241%	TSS	--	0.289	28.3	#VALUE!	408.0573854
5439000	3/26/1984	156	156	1.62	260.31	1638	10.2177%	TSS	--	0.289	28.3	#VALUE!	405.538159
5439000	5/6/1990	156	156	1.62	260.31	1638	10.2177%	TSS	--	0.289	28.3	#VALUE!	405.538159
5439000	5/16/1990	156	156	1.62	260.31	1638	10.2177%	TSS	--	0.289	28.3	#VALUE!	405.538159
5439000	6/29/1994	156	156	1.62	260.31	1638	10.2177%	TSS	--	0.289	28.3	#VALUE!	405.538159
5439000	6/5/1999	156	156	1.62	260.31	1638	10.2177%	TSS	--	0.289	28.3	#VALUE!	405.538159
5439000	2/23/2000	156	156	1.62	260.31	1638	10.2177%	TSS	--	0.289	28.3	#VALUE!	405.538159
5439000	3/23/2001	156	156	1.62	260.31	1638	10.2177%	TSS	--	0.289	28.3	#VALUE!	405.538159
5439000	3/28/2007	156	156	1.62	260.31	1638	10.2177%	TSS	--	0.289	28.3	#VALUE!	405.538159
5439000	6/19/2009	156	156	1.62	260.31	1638	10.2177%	TSS	--	0.289	28.3	#VALUE!	405.538159
5439000	3/19/1986	156	156	1.62	260.31	1638	10.2177%	TSS	--	0.289	28.3	#VALUE!	405.538159
5439000	5/23/1996	156	156	1.62	260.31	1638	10.2177%	TSS	--	0.289	28.3	#VALUE!	405.538159
5439000	12/11/2003	156	156	1.62	260.31	1638	10.2177%	TSS	--	0.289	28.3	#VALUE!	405.538159
5439000	4/15/1980	155	155	1.62	258.70	1650	10.2926%	TSS	--	0.289	28.3	#VALUE!	403.0189326
5439000	11/30/1982	155	155	1.62	258.70	1650	10.2926%	TSS	--	0.289	28.3	#VALUE!	403.0189326
5439000	12/1/1982	155	155	1.62	258.70	1650	10.2926%	TSS	--	0.289	28.3	#VALUE!	403.0189326
5439000	12/30/1982	155	155	1.62	258.70	1650	10.2926%	TSS	--	0.289	28.3	#VALUE!	403.0189326
5439000	2/23/1984	155	155	1.62	258.70	1650	10.2926%	TSS	--	0.289	28.3	#VALUE!	403.0189326
5439000	3/23/1984	155	155	1.62	258.70	1650	10.2926%	TSS	--	0.289	28.3	#VALUE!	403.0189326
5439000	4/12/1988	155	155	1.62	258.70	1650	10.2926%	TSS	--	0.289	28.3	#VALUE!	403.0189326
5439000	4/14/1993	155	155	1.62	258.70	1650	10.2926%	TSS	--	0.289	28.3	#VALUE!	403.0189326
5439000	6/24/1993	155	155	1.62	258.70	1650	10.2926%	TSS	--	0.289	28.3	#VALUE!	403.0189326
5439000	5/20/1996	155	155	1.62	258.70	1650	10.2926%	TSS	--	0.289	28.3	#VALUE!	403.0189326
5439000	4/26/1998	155	155	1.62	258.70	1650	10.2926%	TSS	--	0.289	28.3	#VALUE!	403.0189326
5439000	5/8/1999	155	155	1.62	258.70	1650	10.2926%	TSS	--	0.289	28.3	#VALUE!	403.0189326
5439000	5/20/2003	155	155	1.62	258.70	1650	10.2926%	TSS	--	0.289	28.3	#VALUE!	403.0189326
5439000	4/25/1981	155	155	1.62	258.70	1650	10.2926%	TSS	--	0.289	28.3	#VALUE!	403.0189326
5439000	2/24/1983	155	155	1.62	258.70	1650	10.2926%	TSS	--	0.289	28.3	#VALUE!	403.0189326

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/11/1993	155	155	1.62	258.70	1650	10.2926%	TSS	--	0.289	28.3	#VALUE!	403.0189326
5439000	7/27/1996	155	155	1.62	258.70	1650	10.2926%	TSS	--	0.289	28.3	#VALUE!	403.0189326
5439000	9/4/2007	155	155	1.62	258.70	1650	10.2926%	TSS	--	0.289	28.3	#VALUE!	403.0189326
5439000	4/2/1932	154	154	1.62	257.08	1668	10.4048%	TSS	--	0.289	28.3	#VALUE!	400.4997063
5439000	2/24/1933	154	154	1.62	257.08	1668	10.4048%	TSS	--	0.289	28.3	#VALUE!	400.4997063
5439000	4/6/1933	154	154	1.62	257.08	1668	10.4048%	TSS	--	0.289	28.3	#VALUE!	400.4997063
5439000	4/11/1980	154	154	1.62	257.08	1668	10.4048%	TSS	--	0.289	28.3	#VALUE!	400.4997063
5439000	5/3/1981	154	154	1.62	257.08	1668	10.4048%	TSS	--	0.289	28.3	#VALUE!	400.4997063
5439000	2/23/1982	154	154	1.62	257.08	1668	10.4048%	TSS	--	0.289	28.3	#VALUE!	400.4997063
5439000	4/15/1995	154	154	1.62	257.08	1668	10.4048%	TSS	--	0.289	28.3	#VALUE!	400.4997063
5439000	5/18/1999	154	154	1.62	257.08	1668	10.4048%	TSS	--	0.289	28.3	#VALUE!	400.4997063
5439000	6/2/2001	154	154	1.62	257.08	1668	10.4048%	TSS	--	0.289	28.3	#VALUE!	400.4997063
5439000	4/30/2011	154	154	1.62	257.08	1668	10.4048%	TSS	--	0.289	28.3	#VALUE!	400.4997063
5439000	4/7/1933	154	154	1.62	257.08	1668	10.4048%	TSS	--	0.289	28.3	#VALUE!	400.4997063
5439000	11/1/1994	154	154	1.62	257.08	1668	10.4048%	TSS	--	0.289	28.3	#VALUE!	400.4997063
5439000	5/16/2003	154	154	1.62	257.08	1668	10.4048%	TSS	--	0.289	28.3	#VALUE!	400.4997063
5439000	11/29/1982	153	153	1.62	255.46	1681	10.4859%	TSS	--	0.289	28.3	#VALUE!	397.9804799
5439000	3/15/1986	153	153	1.62	255.46	1681	10.4859%	TSS	--	0.289	28.3	#VALUE!	397.9804799
5439000	5/4/1990	153	153	1.62	255.46	1681	10.4859%	TSS	--	0.289	28.3	#VALUE!	397.9804799
5439000	3/24/1991	153	153	1.62	255.46	1681	10.4859%	TSS	--	0.289	28.3	#VALUE!	397.9804799
5439000	4/9/1991	153	153	1.62	255.46	1681	10.4859%	TSS	--	0.289	28.3	#VALUE!	397.9804799
5439000	12/20/1992	153	153	1.62	255.46	1681	10.4859%	TSS	--	0.289	28.3	#VALUE!	397.9804799
5439000	4/4/1998	153	153	1.62	255.46	1681	10.4859%	TSS	--	0.289	28.3	#VALUE!	397.9804799
5439000	5/1/1999	153	153	1.62	255.46	1681	10.4859%	TSS	--	0.289	28.3	#VALUE!	397.9804799
5439000	7/23/2007	153	153	1.62	255.46	1681	10.4859%	TSS	--	0.289	28.3	#VALUE!	397.9804799
5439000	5/27/2008	153	153	1.62	255.46	1681	10.4859%	TSS	--	0.289	28.3	#VALUE!	397.9804799
5439000	8/27/2009	153	153	1.62	255.46	1681	10.4859%	TSS	--	0.289	28.3	#VALUE!	397.9804799
5439000	6/11/2014	153	153	1.62	255.46	1681	10.4859%	TSS	--	0.289	28.3	#VALUE!	397.9804799
5439000	3/20/1990	153	153	1.62	255.46	1681	10.4859%	TSS	--	0.289	28.3	#VALUE!	397.9804799
5439000	4/19/1991	153	153	1.62	255.46	1681	10.4859%	TSS	--	0.289	28.3	#VALUE!	397.9804799
5439000	6/12/2002	153	153	1.62	255.46	1681	10.4859%	TSS	--	0.289	28.3	#VALUE!	397.9804799
5439000	3/8/2011	153	153	1.62	255.46	1681	10.4859%	TSS	--	0.289	28.3	#VALUE!	397.9804799

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/27/1929	152	152	1.62	253.85	1697	10.5857%	TSS	--	0.289	28.3	#VALUE!	395.4612535
5439000	4/6/1929	152	152	1.62	253.85	1697	10.5857%	TSS	--	0.289	28.3	#VALUE!	395.4612535
5439000	8/22/1990	152	152	1.62	253.85	1697	10.5857%	TSS	--	0.289	28.3	#VALUE!	395.4612535
5439000	3/31/1991	152	152	1.62	253.85	1697	10.5857%	TSS	--	0.289	28.3	#VALUE!	395.4612535
5439000	9/25/1993	152	152	1.62	253.85	1697	10.5857%	TSS	--	0.289	28.3	#VALUE!	395.4612535
5439000	4/18/1995	152	152	1.62	253.85	1697	10.5857%	TSS	--	0.289	28.3	#VALUE!	395.4612535
5439000	4/30/1995	152	152	1.62	253.85	1697	10.5857%	TSS	--	0.289	28.3	#VALUE!	395.4612535
5439000	5/11/2004	152	152	1.62	253.85	1697	10.5857%	TSS	--	0.289	28.3	#VALUE!	395.4612535
5439000	4/1/2007	152	152	1.62	253.85	1697	10.5857%	TSS	--	0.289	28.3	#VALUE!	395.4612535
5439000	6/25/2014	152	152	1.62	253.85	1697	10.5857%	TSS	--	0.289	28.3	#VALUE!	395.4612535
5439000	4/11/1929	152	152	1.62	253.85	1697	10.5857%	TSS	--	0.289	28.3	#VALUE!	395.4612535
5439000	2/26/1994	152	152	1.62	253.85	1697	10.5857%	TSS	--	0.289	28.3	#VALUE!	395.4612535
5439000	6/15/2004	152	152	1.62	253.85	1697	10.5857%	TSS	--	0.289	28.3	#VALUE!	395.4612535
5439000	6/19/1926	151	151	1.62	252.23	1710	10.6668%	TSS	--	0.289	28.3	#VALUE!	392.9420271
5439000	9/29/1926	151	151	1.62	252.23	1710	10.6668%	TSS	--	0.289	28.3	#VALUE!	392.9420271
5439000	11/25/1926	151	151	1.62	252.23	1710	10.6668%	TSS	--	0.289	28.3	#VALUE!	392.9420271
5439000	3/16/1927	151	151	1.62	252.23	1710	10.6668%	TSS	--	0.289	28.3	#VALUE!	392.9420271
5439000	12/13/1987	151	151	1.62	252.23	1710	10.6668%	TSS	--	0.289	28.3	#VALUE!	392.9420271
5439000	5/19/1991	151	151	1.62	252.23	1710	10.6668%	TSS	--	0.289	28.3	#VALUE!	392.9420271
5439000	4/19/1995	151	151	1.62	252.23	1710	10.6668%	TSS	--	0.289	28.3	#VALUE!	392.9420271
5439000	3/8/1998	151	151	1.62	252.23	1710	10.6668%	TSS	--	0.289	28.3	#VALUE!	392.9420271
5439000	5/14/1998	151	151	1.62	252.23	1710	10.6668%	TSS	--	0.289	28.3	#VALUE!	392.9420271
5439000	6/3/2000	151	151	1.62	252.23	1710	10.6668%	TSS	--	0.289	28.3	#VALUE!	392.9420271
5439000	2/20/2002	151	151	1.62	252.23	1710	10.6668%	TSS	--	0.289	28.3	#VALUE!	392.9420271
5439000	5/25/2011	151	151	1.62	252.23	1710	10.6668%	TSS	--	0.289	28.3	#VALUE!	392.9420271
5439000	6/5/2011	151	151	1.62	252.23	1710	10.6668%	TSS	--	0.289	28.3	#VALUE!	392.9420271
5439000	9/15/1926	151	151	1.62	252.23	1710	10.6668%	TSS	--	0.289	28.3	#VALUE!	392.9420271
5439000	6/1/1927	151	151	1.62	252.23	1710	10.6668%	TSS	--	0.289	28.3	#VALUE!	392.9420271
5439000	2/14/1998	151	151	1.62	252.23	1710	10.6668%	TSS	--	0.289	28.3	#VALUE!	392.9420271
5439000	6/19/2000	151	151	1.62	252.23	1710	10.6668%	TSS	--	0.289	28.3	#VALUE!	392.9420271
5439000	1/19/1986	150	150	1.62	250.61	1727	10.7729%	TSS	--	0.289	28.3	#VALUE!	390.4228007
5439000	2/3/1988	150	150	1.62	250.61	1727	10.7729%	TSS	--	0.289	28.3	#VALUE!	390.4228007

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/29/1988	150	150	1.62	250.61	1727	10.7729%	TSS	--	0.289	28.3	#VALUE!	390.4228007
5439000	10/2/1993	150	150	1.62	250.61	1727	10.7729%	TSS	--	0.289	28.3	#VALUE!	390.4228007
5439000	2/20/1997	150	150	1.62	250.61	1727	10.7729%	TSS	--	0.289	28.3	#VALUE!	390.4228007
5439000	3/6/1997	150	150	1.62	250.61	1727	10.7729%	TSS	--	0.289	28.3	#VALUE!	390.4228007
5439000	1/14/2005	150	150	1.62	250.61	1727	10.7729%	TSS	--	0.289	28.3	#VALUE!	390.4228007
5439000	10/26/2008	150	150	1.62	250.61	1727	10.7729%	TSS	--	0.289	28.3	#VALUE!	390.4228007
5439000	4/27/2015	150	150	1.62	250.61	1727	10.7729%	TSS	--	0.289	28.3	#VALUE!	390.4228007
5439000	4/18/1980	150	150	1.62	250.61	1727	10.7729%	TSS	--	0.289	28.3	#VALUE!	390.4228007
5439000	12/29/1990	150	150	1.62	250.61	1727	10.7729%	TSS	--	0.289	28.3	#VALUE!	390.4228007
5439000	4/1/2004	150	150	1.62	250.61	1727	10.7729%	TSS	--	0.289	28.3	#VALUE!	390.4228007
5439000	3/22/1983	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	4/18/1983	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	5/31/1983	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	11/26/1985	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	12/31/1987	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	9/10/1989	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	5/8/1993	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	5/16/1995	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	3/22/1998	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	4/12/2001	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	3/28/2004	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	3/17/2007	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	5/19/2009	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	10/28/2009	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	4/9/2010	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	4/14/1982	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	3/16/1985	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	1/21/1993	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	4/15/1998	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	5/9/2009	149	149	1.62	249.00	1739	10.8477%	TSS	--	0.289	28.3	#VALUE!	387.9035743
5439000	4/12/1928	148	148	1.62	247.38	1759	10.9725%	TSS	--	0.289	28.3	#VALUE!	385.384348
5439000	4/17/1928	148	148	1.62	247.38	1759	10.9725%	TSS	--	0.289	28.3	#VALUE!	385.384348

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/22/1990	148	148	1.62	247.38	1759	10.9725%	TSS	--	0.289	28.3	#VALUE!	385.384348
5439000	1/8/1993	148	148	1.62	247.38	1759	10.9725%	TSS	--	0.289	28.3	#VALUE!	385.384348
5439000	9/17/1993	148	148	1.62	247.38	1759	10.9725%	TSS	--	0.289	28.3	#VALUE!	385.384348
5439000	6/27/2000	148	148	1.62	247.38	1759	10.9725%	TSS	--	0.289	28.3	#VALUE!	385.384348
5439000	4/6/2009	148	148	1.62	247.38	1759	10.9725%	TSS	--	0.289	28.3	#VALUE!	385.384348
5439000	5/6/2009	148	148	1.62	247.38	1759	10.9725%	TSS	--	0.289	28.3	#VALUE!	385.384348
5439000	5/29/2009	148	148	1.62	247.38	1759	10.9725%	TSS	--	0.289	28.3	#VALUE!	385.384348
5439000	5/19/2011	148	148	1.62	247.38	1759	10.9725%	TSS	--	0.289	28.3	#VALUE!	385.384348
5439000	11/30/1927	148	148	1.62	247.38	1759	10.9725%	TSS	--	0.289	28.3	#VALUE!	385.384348
5439000	6/4/1991	148	148	1.62	247.38	1759	10.9725%	TSS	--	0.289	28.3	#VALUE!	385.384348
5439000	4/12/2002	148	148	1.62	247.38	1759	10.9725%	TSS	--	0.289	28.3	#VALUE!	385.384348
5439000	3/7/2010	148	148	1.62	247.38	1759	10.9725%	TSS	--	0.289	28.3	#VALUE!	385.384348
5439000	4/10/1982	147	147	1.62	245.76	1773	11.0598%	TSS	--	0.289	28.3	#VALUE!	382.8651216
5439000	5/4/1983	147	147	1.62	245.76	1773	11.0598%	TSS	--	0.289	28.3	#VALUE!	382.8651216
5439000	3/27/1984	147	147	1.62	245.76	1773	11.0598%	TSS	--	0.289	28.3	#VALUE!	382.8651216
5439000	11/6/1985	147	147	1.62	245.76	1773	11.0598%	TSS	--	0.289	28.3	#VALUE!	382.8651216
5439000	8/25/1987	147	147	1.62	245.76	1773	11.0598%	TSS	--	0.289	28.3	#VALUE!	382.8651216
5439000	3/3/1990	147	147	1.62	245.76	1773	11.0598%	TSS	--	0.289	28.3	#VALUE!	382.8651216
5439000	2/25/1992	147	147	1.62	245.76	1773	11.0598%	TSS	--	0.289	28.3	#VALUE!	382.8651216
5439000	5/1/1993	147	147	1.62	245.76	1773	11.0598%	TSS	--	0.289	28.3	#VALUE!	382.8651216
5439000	10/24/2001	147	147	1.62	245.76	1773	11.0598%	TSS	--	0.289	28.3	#VALUE!	382.8651216
5439000	5/21/2002	147	147	1.62	245.76	1773	11.0598%	TSS	--	0.289	28.3	#VALUE!	382.8651216
5439000	6/16/2009	147	147	1.62	245.76	1773	11.0598%	TSS	--	0.289	28.3	#VALUE!	382.8651216
5439000	2/12/1984	147	147	1.62	245.76	1773	11.0598%	TSS	--	0.289	28.3	#VALUE!	382.8651216
5439000	9/4/1987	147	147	1.62	245.76	1773	11.0598%	TSS	--	0.289	28.3	#VALUE!	382.8651216
5439000	8/31/1993	147	147	1.62	245.76	1773	11.0598%	TSS	--	0.289	28.3	#VALUE!	382.8651216
5439000	3/22/2010	147	147	1.62	245.76	1773	11.0598%	TSS	--	0.289	28.3	#VALUE!	382.8651216
5439000	4/8/1982	146	146	1.62	244.14	1788	11.1534%	TSS	--	0.289	28.3	#VALUE!	380.3458952
5439000	12/14/1982	146	146	1.62	244.14	1788	11.1534%	TSS	--	0.289	28.3	#VALUE!	380.3458952
5439000	6/1/1984	146	146	1.62	244.14	1788	11.1534%	TSS	--	0.289	28.3	#VALUE!	380.3458952
5439000	10/5/1986	146	146	1.62	244.14	1788	11.1534%	TSS	--	0.289	28.3	#VALUE!	380.3458952
5439000	11/2/1992	146	146	1.62	244.14	1788	11.1534%	TSS	--	0.289	28.3	#VALUE!	380.3458952

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/14/1994	146	146	1.62	244.14	1788	11.1534%	TSS	--	0.289	28.3	#VALUE!	380.3458952
5439000	4/13/1998	146	146	1.62	244.14	1788	11.1534%	TSS	--	0.289	28.3	#VALUE!	380.3458952
5439000	5/11/2002	146	146	1.62	244.14	1788	11.1534%	TSS	--	0.289	28.3	#VALUE!	380.3458952
5439000	12/23/2008	146	146	1.62	244.14	1788	11.1534%	TSS	--	0.289	28.3	#VALUE!	380.3458952
5439000	3/18/2013	146	146	1.62	244.14	1788	11.1534%	TSS	--	0.289	28.3	#VALUE!	380.3458952
5439000	12/6/1985	146	146	1.62	244.14	1788	11.1534%	TSS	--	0.289	28.3	#VALUE!	380.3458952
5439000	6/13/1996	146	146	1.62	244.14	1788	11.1534%	TSS	--	0.289	28.3	#VALUE!	380.3458952
5439000	4/25/2009	146	146	1.62	244.14	1788	11.1534%	TSS	--	0.289	28.3	#VALUE!	380.3458952
5439000	3/2/1930	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	3/29/1930	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	12/13/1931	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	2/13/1932	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	5/4/1933	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	7/1/1933	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	11/30/1983	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	3/21/1990	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	4/26/1993	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	5/19/1997	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	12/8/1998	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	12/21/2006	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	4/13/2007	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	1/13/2008	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	5/28/2015	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	11/26/1931	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	5/15/1933	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	7/1/1990	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	4/19/1999	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	3/19/2010	145	145	1.62	242.53	1801	11.2345%	TSS	--	0.289	28.3	#VALUE!	377.8266688
5439000	4/30/1929	144	144	1.62	240.91	1821	11.3592%	TSS	--	0.289	28.3	#VALUE!	375.3074424
5439000	9/26/1980	144	144	1.62	240.91	1821	11.3592%	TSS	--	0.289	28.3	#VALUE!	375.3074424
5439000	12/3/1987	144	144	1.62	240.91	1821	11.3592%	TSS	--	0.289	28.3	#VALUE!	375.3074424
5439000	6/11/1999	144	144	1.62	240.91	1821	11.3592%	TSS	--	0.289	28.3	#VALUE!	375.3074424

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/12/2000	144	144	1.62	240.91	1821	11.3592%	TSS	--	0.289	28.3	#VALUE!	375.3074424
5439000	7/12/2007	144	144	1.62	240.91	1821	11.3592%	TSS	--	0.289	28.3	#VALUE!	375.3074424
5439000	4/4/2008	144	144	1.62	240.91	1821	11.3592%	TSS	--	0.289	28.3	#VALUE!	375.3074424
5439000	1/4/2009	144	144	1.62	240.91	1821	11.3592%	TSS	--	0.289	28.3	#VALUE!	375.3074424
5439000	11/12/2011	144	144	1.62	240.91	1821	11.3592%	TSS	--	0.289	28.3	#VALUE!	375.3074424
5439000	4/29/2013	144	144	1.62	240.91	1821	11.3592%	TSS	--	0.289	28.3	#VALUE!	375.3074424
5439000	12/9/1980	144	144	1.62	240.91	1821	11.3592%	TSS	--	0.289	28.3	#VALUE!	375.3074424
5439000	3/2/2001	144	144	1.62	240.91	1821	11.3592%	TSS	--	0.289	28.3	#VALUE!	375.3074424
5439000	5/5/2009	144	144	1.62	240.91	1821	11.3592%	TSS	--	0.289	28.3	#VALUE!	375.3074424
5439000	12/20/1928	143	143	1.62	239.29	1834	11.4403%	TSS	--	0.289	28.3	#VALUE!	372.788216
5439000	10/19/1981	143	143	1.62	239.29	1834	11.4403%	TSS	--	0.289	28.3	#VALUE!	372.788216
5439000	3/24/1982	143	143	1.62	239.29	1834	11.4403%	TSS	--	0.289	28.3	#VALUE!	372.788216
5439000	4/20/1982	143	143	1.62	239.29	1834	11.4403%	TSS	--	0.289	28.3	#VALUE!	372.788216
5439000	3/9/1992	143	143	1.62	239.29	1834	11.4403%	TSS	--	0.289	28.3	#VALUE!	372.788216
5439000	2/1/1993	143	143	1.62	239.29	1834	11.4403%	TSS	--	0.289	28.3	#VALUE!	372.788216
5439000	5/22/1996	143	143	1.62	239.29	1834	11.4403%	TSS	--	0.289	28.3	#VALUE!	372.788216
5439000	3/26/2004	143	143	1.62	239.29	1834	11.4403%	TSS	--	0.289	28.3	#VALUE!	372.788216
5439000	12/11/2008	143	143	1.62	239.29	1834	11.4403%	TSS	--	0.289	28.3	#VALUE!	372.788216
5439000	2/27/1929	143	143	1.62	239.29	1834	11.4403%	TSS	--	0.289	28.3	#VALUE!	372.788216
5439000	5/21/1990	143	143	1.62	239.29	1834	11.4403%	TSS	--	0.289	28.3	#VALUE!	372.788216
5439000	2/5/1999	143	143	1.62	239.29	1834	11.4403%	TSS	0.15	0.289	28.3	193.4886934	372.788216
5439000	4/14/1926	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	8/21/1926	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	9/30/1926	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	3/26/1927	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	4/4/1927	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	4/26/1927	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	6/6/1927	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	9/7/1980	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	5/19/1987	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	12/4/1990	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	7/24/1993	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/14/1994	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	6/18/1999	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	6/20/2000	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	1/31/2001	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	3/19/2009	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	6/16/1926	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	4/3/1927	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	2/23/1930	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	12/18/1990	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	5/10/2000	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	6/12/2009	142	142	1.62	237.68	1846	11.5152%	TSS	--	0.289	28.3	#VALUE!	370.2689897
5439000	5/31/1981	141	141	1.62	236.06	1868	11.6524%	TSS	--	0.289	28.3	#VALUE!	367.7497633
5439000	4/25/1984	141	141	1.62	236.06	1868	11.6524%	TSS	--	0.289	28.3	#VALUE!	367.7497633
5439000	10/24/1985	141	141	1.62	236.06	1868	11.6524%	TSS	--	0.289	28.3	#VALUE!	367.7497633
5439000	11/28/1994	141	141	1.62	236.06	1868	11.6524%	TSS	--	0.289	28.3	#VALUE!	367.7497633
5439000	6/27/1996	141	141	1.62	236.06	1868	11.6524%	TSS	--	0.289	28.3	#VALUE!	367.7497633
5439000	4/28/1998	141	141	1.62	236.06	1868	11.6524%	TSS	--	0.289	28.3	#VALUE!	367.7497633
5439000	6/8/2004	141	141	1.62	236.06	1868	11.6524%	TSS	0.15	0.289	28.3	185.7836174	367.7497633
5439000	4/2/2007	141	141	1.62	236.06	1868	11.6524%	TSS	--	0.289	28.3	#VALUE!	367.7497633
5439000	3/7/2009	141	141	1.62	236.06	1868	11.6524%	TSS	--	0.289	28.3	#VALUE!	367.7497633
5439000	10/26/1986	141	141	1.62	236.06	1868	11.6524%	TSS	--	0.289	28.3	#VALUE!	367.7497633
5439000	3/3/2001	141	141	1.62	236.06	1868	11.6524%	TSS	--	0.289	28.3	#VALUE!	367.7497633
5439000	5/14/2015	141	141	1.62	236.06	1868	11.6524%	TSS	--	0.289	28.3	#VALUE!	367.7497633
5439000	6/4/1980	140	140	1.62	234.44	1880	11.7273%	TSS	--	0.289	28.3	#VALUE!	365.2305369
5439000	6/30/1983	140	140	1.62	234.44	1880	11.7273%	TSS	--	0.289	28.3	#VALUE!	365.2305369
5439000	3/28/1984	140	140	1.62	234.44	1880	11.7273%	TSS	--	0.289	28.3	#VALUE!	365.2305369
5439000	3/9/1994	140	140	1.62	234.44	1880	11.7273%	TSS	--	0.289	28.3	#VALUE!	365.2305369
5439000	3/24/1994	140	140	1.62	234.44	1880	11.7273%	TSS	--	0.289	28.3	#VALUE!	365.2305369
5439000	3/4/2001	140	140	1.62	234.44	1880	11.7273%	TSS	--	0.289	28.3	#VALUE!	365.2305369
5439000	6/22/2009	140	140	1.62	234.44	1880	11.7273%	TSS	--	0.289	28.3	#VALUE!	365.2305369
5439000	3/23/2014	140	140	1.62	234.44	1880	11.7273%	TSS	--	0.289	28.3	#VALUE!	365.2305369
5439000	7/28/1993	140	140	1.62	234.44	1880	11.7273%	TSS	--	0.289	28.3	#VALUE!	365.2305369

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/3/2007	140	140	1.62	234.44	1880	11.7273%	TSS	--	0.289	28.3	#VALUE!	365.2305369
5439000	6/21/1981	139	139	1.62	232.82	1890	11.7897%	TSS	--	0.289	28.3	#VALUE!	362.7113105
5439000	12/12/1991	139	139	1.62	232.82	1890	11.7897%	TSS	--	0.289	28.3	#VALUE!	362.7113105
5439000	2/19/1992	139	139	1.62	232.82	1890	11.7897%	TSS	--	0.289	28.3	#VALUE!	362.7113105
5439000	3/19/1999	139	139	1.62	232.82	1890	11.7897%	TSS	--	0.289	28.3	#VALUE!	362.7113105
5439000	9/5/2007	139	139	1.62	232.82	1890	11.7897%	TSS	--	0.289	28.3	#VALUE!	362.7113105
5439000	5/31/2008	139	139	1.62	232.82	1890	11.7897%	TSS	--	0.289	28.3	#VALUE!	362.7113105
5439000	6/26/2010	139	139	1.62	232.82	1890	11.7897%	TSS	--	0.289	28.3	#VALUE!	362.7113105
5439000	3/4/2011	139	139	1.62	232.82	1890	11.7897%	TSS	--	0.289	28.3	#VALUE!	362.7113105
5439000	7/7/2014	139	139	1.62	232.82	1890	11.7897%	TSS	--	0.289	28.3	#VALUE!	362.7113105
5439000	5/26/2015	139	139	1.62	232.82	1890	11.7897%	TSS	--	0.289	28.3	#VALUE!	362.7113105
5439000	7/5/1982	139	139	1.62	232.82	1890	11.7897%	TSS	--	0.289	28.3	#VALUE!	362.7113105
5439000	2/17/2001	139	139	1.62	232.82	1890	11.7897%	TSS	--	0.289	28.3	#VALUE!	362.7113105
5439000	1/3/2011	139	139	1.62	232.82	1890	11.7897%	TSS	--	0.289	28.3	#VALUE!	362.7113105
5439000	4/9/1982	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	2/24/1984	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	11/2/1984	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	8/4/1990	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	4/17/1992	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	5/8/1995	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	5/15/1998	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	10/20/1998	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	2/1/2001	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	12/16/2006	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	3/29/2007	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	4/3/2007	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	5/15/2008	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	4/19/2009	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	11/5/2009	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	5/16/2015	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	3/31/1982	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	10/3/1986	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/9/1998	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	3/8/2004	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	3/16/2008	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	12/19/2011	138	138	1.62	231.21	1903	11.8708%	TSS	--	0.289	28.3	#VALUE!	360.1920841
5439000	2/24/1981	137	137	1.62	229.59	1925	12.0080%	TSS	--	0.289	28.3	#VALUE!	357.6728578
5439000	4/13/1981	137	137	1.62	229.59	1925	12.0080%	TSS	--	0.289	28.3	#VALUE!	357.6728578
5439000	5/25/1986	137	137	1.62	229.59	1925	12.0080%	TSS	--	0.289	28.3	#VALUE!	357.6728578
5439000	5/27/1987	137	137	1.62	229.59	1925	12.0080%	TSS	--	0.289	28.3	#VALUE!	357.6728578
5439000	4/13/1988	137	137	1.62	229.59	1925	12.0080%	TSS	--	0.289	28.3	#VALUE!	357.6728578
5439000	12/1/1992	137	137	1.62	229.59	1925	12.0080%	TSS	--	0.289	28.3	#VALUE!	357.6728578
5439000	5/1/2007	137	137	1.62	229.59	1925	12.0080%	TSS	--	0.289	28.3	#VALUE!	357.6728578
5439000	9/24/2008	137	137	1.62	229.59	1925	12.0080%	TSS	--	0.289	28.3	#VALUE!	357.6728578
5439000	1/28/2010	137	137	1.62	229.59	1925	12.0080%	TSS	--	0.289	28.3	#VALUE!	357.6728578
5439000	12/31/1982	137	137	1.62	229.59	1925	12.0080%	TSS	--	0.289	28.3	#VALUE!	357.6728578
5439000	9/10/1992	137	137	1.62	229.59	1925	12.0080%	TSS	--	0.289	28.3	#VALUE!	357.6728578
5439000	1/1/2010	137	137	1.62	229.59	1925	12.0080%	TSS	--	0.289	28.3	#VALUE!	357.6728578
5439000	4/12/1929	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	5/1/1929	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	4/16/1930	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	4/24/1930	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	11/22/1931	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	1/2/1932	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	1/6/1932	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	3/7/1932	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	4/1/1985	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	5/31/1989	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	6/5/1989	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	6/7/1995	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	11/10/1995	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	8/12/1996	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	7/18/2007	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	5/1/2011	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/27/2015	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	3/3/1930	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	1/1/1932	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	12/26/1979	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	11/13/1994	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	5/22/2002	136	136	1.62	227.97	1937	12.0828%	TSS	--	0.289	28.3	#VALUE!	355.1536314
5439000	4/19/1983	135	135	1.62	226.36	1959	12.2201%	TSS	--	0.289	28.3	#VALUE!	352.634405
5439000	7/12/1983	135	135	1.62	226.36	1959	12.2201%	TSS	--	0.289	28.3	#VALUE!	352.634405
5439000	5/27/1986	135	135	1.62	226.36	1959	12.2201%	TSS	--	0.289	28.3	#VALUE!	352.634405
5439000	7/3/1993	135	135	1.62	226.36	1959	12.2201%	TSS	--	0.289	28.3	#VALUE!	352.634405
5439000	4/21/1999	135	135	1.62	226.36	1959	12.2201%	TSS	--	0.289	28.3	#VALUE!	352.634405
5439000	2/18/2001	135	135	1.62	226.36	1959	12.2201%	TSS	--	0.289	28.3	#VALUE!	352.634405
5439000	6/13/2002	135	135	1.62	226.36	1959	12.2201%	TSS	--	0.289	28.3	#VALUE!	352.634405
5439000	3/18/2007	135	135	1.62	226.36	1959	12.2201%	TSS	--	0.289	28.3	#VALUE!	352.634405
5439000	12/25/2008	135	135	1.62	226.36	1959	12.2201%	TSS	--	0.289	28.3	#VALUE!	352.634405
5439000	6/20/2009	135	135	1.62	226.36	1959	12.2201%	TSS	--	0.289	28.3	#VALUE!	352.634405
5439000	11/26/2009	135	135	1.62	226.36	1959	12.2201%	TSS	--	0.289	28.3	#VALUE!	352.634405
5439000	11/27/2009	135	135	1.62	226.36	1959	12.2201%	TSS	--	0.289	28.3	#VALUE!	352.634405
5439000	10/19/1980	135	135	1.62	226.36	1959	12.2201%	TSS	--	0.289	28.3	#VALUE!	352.634405
5439000	11/16/1992	135	135	1.62	226.36	1959	12.2201%	TSS	--	0.289	28.3	#VALUE!	352.634405
5439000	3/24/2001	135	135	1.62	226.36	1959	12.2201%	TSS	--	0.289	28.3	#VALUE!	352.634405
5439000	4/7/2009	135	135	1.62	226.36	1959	12.2201%	TSS	--	0.289	28.3	#VALUE!	352.634405
5439000	3/2/2012	135	135	1.62	226.36	1959	12.2201%	TSS	--	0.289	28.3	#VALUE!	352.634405
5439000	11/26/1928	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	3/21/1984	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	1/1/1988	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	2/9/1990	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	7/21/1990	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	4/11/1991	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	12/2/1991	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	5/9/1993	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	6/25/1993	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/2/1996	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	5/2/1999	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	3/12/2002	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	5/19/2010	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	2/23/2011	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	7/4/2013	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	7/20/1989	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	5/6/1991	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	12/28/1994	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	4/12/2007	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	5/18/2015	134	134	1.62	224.74	1976	12.3261%	TSS	--	0.289	28.3	#VALUE!	350.1151786
5439000	10/10/1926	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	12/2/1926	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	3/17/1927	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	3/24/1927	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	4/6/1927	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	5/3/1927	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	6/21/1927	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	9/27/1980	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	5/17/1981	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	11/4/1987	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	5/17/1990	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	12/14/1991	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	4/27/1993	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	4/29/1998	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	6/8/2001	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	4/14/2007	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	4/13/2013	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	3/21/1927	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	6/2/1927	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	5/15/1983	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	3/10/1992	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/25/2006	133	133	1.62	223.12	1996	12.4509%	TSS	--	0.289	28.3	#VALUE!	347.5959522
5439000	8/23/1980	132	132	1.62	221.50	2018	12.5881%	TSS	--	0.289	28.3	#VALUE!	345.0767258
5439000	5/24/1984	132	132	1.62	221.50	2018	12.5881%	TSS	--	0.289	28.3	#VALUE!	345.0767258
5439000	4/26/1987	132	132	1.62	221.50	2018	12.5881%	TSS	--	0.289	28.3	#VALUE!	345.0767258
5439000	2/7/1991	132	132	1.62	221.50	2018	12.5881%	TSS	--	0.289	28.3	#VALUE!	345.0767258
5439000	10/25/2001	132	132	1.62	221.50	2018	12.5881%	TSS	--	0.289	28.3	#VALUE!	345.0767258
5439000	5/23/2002	132	132	1.62	221.50	2018	12.5881%	TSS	--	0.289	28.3	#VALUE!	345.0767258
5439000	6/16/2004	132	132	1.62	221.50	2018	12.5881%	TSS	--	0.289	28.3	#VALUE!	345.0767258
5439000	8/3/2010	132	132	1.62	221.50	2018	12.5881%	TSS	--	0.289	28.3	#VALUE!	345.0767258
5439000	6/17/2011	132	132	1.62	221.50	2018	12.5881%	TSS	--	0.289	28.3	#VALUE!	345.0767258
5439000	12/4/2011	132	132	1.62	221.50	2018	12.5881%	TSS	--	0.289	28.3	#VALUE!	345.0767258
5439000	12/8/1980	132	132	1.62	221.50	2018	12.5881%	TSS	--	0.289	28.3	#VALUE!	345.0767258
5439000	4/5/1998	132	132	1.62	221.50	2018	12.5881%	TSS	--	0.289	28.3	#VALUE!	345.0767258
5439000	3/31/2007	132	132	1.62	221.50	2018	12.5881%	TSS	--	0.289	28.3	#VALUE!	345.0767258
5439000	5/25/2015	132	132	1.62	221.50	2018	12.5881%	TSS	--	0.289	28.3	#VALUE!	345.0767258
5439000	5/29/1981	131	131	1.62	219.89	2032	12.6754%	TSS	--	0.289	28.3	#VALUE!	342.5574995
5439000	9/30/1981	131	131	1.62	219.89	2032	12.6754%	TSS	--	0.289	28.3	#VALUE!	342.5574995
5439000	2/24/1982	131	131	1.62	219.89	2032	12.6754%	TSS	--	0.289	28.3	#VALUE!	342.5574995
5439000	3/31/1985	131	131	1.62	219.89	2032	12.6754%	TSS	--	0.289	28.3	#VALUE!	342.5574995
5439000	5/29/1986	131	131	1.62	219.89	2032	12.6754%	TSS	--	0.289	28.3	#VALUE!	342.5574995
5439000	5/7/1990	131	131	1.62	219.89	2032	12.6754%	TSS	--	0.289	28.3	#VALUE!	342.5574995
5439000	6/16/1998	131	131	1.62	219.89	2032	12.6754%	TSS	--	0.289	28.3	#VALUE!	342.5574995
5439000	11/10/2000	131	131	1.62	219.89	2032	12.6754%	TSS	--	0.289	28.3	#VALUE!	342.5574995
5439000	5/17/2003	131	131	1.62	219.89	2032	12.6754%	TSS	--	0.289	28.3	#VALUE!	342.5574995
5439000	3/13/2011	131	131	1.62	219.89	2032	12.6754%	TSS	--	0.289	28.3	#VALUE!	342.5574995
5439000	1/30/2013	131	131	1.62	219.89	2032	12.6754%	TSS	--	0.289	28.3	#VALUE!	342.5574995
5439000	3/17/1985	131	131	1.62	219.89	2032	12.6754%	TSS	--	0.289	28.3	#VALUE!	342.5574995
5439000	8/30/1993	131	131	1.62	219.89	2032	12.6754%	TSS	--	0.289	28.3	#VALUE!	342.5574995
5439000	3/2/2009	131	131	1.62	219.89	2032	12.6754%	TSS	--	0.289	28.3	#VALUE!	342.5574995
5439000	10/10/1927	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	2/15/1928	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	6/26/1928	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/25/1979	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	11/14/1982	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	5/28/1986	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	6/14/1987	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	12/14/1987	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	3/25/1991	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	1/5/1995	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	2/20/1995	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	6/19/1998	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	5/7/2003	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	4/2/2004	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	1/15/2005	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	11/30/2006	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	3/7/2007	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	3/19/2007	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	8/19/2007	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	6/13/2008	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	3/23/2011	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	7/18/2015	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	1/21/1928	130	130	1.62	218.27	2046	12.7628%	TSS	--	0.289	28.3	#VALUE!	340.0382731
5439000	9/3/1980	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	5/12/1981	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	4/15/1982	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	2/25/1983	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	6/8/1984	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	12/31/1984	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	11/27/1985	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	7/15/1986	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	8/3/1989	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	11/15/1994	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	5/17/1995	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	5/10/1997	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/14/1998	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	5/2/1998	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	4/24/2000	129	129	1.62	216.65	2069	12.9062%	TSS	0.14	0.289	28.3	163.5040365	337.5190467
5439000	2/20/2001	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	2/22/2002	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	3/30/2007	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	12/22/2008	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	5/20/2009	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	6/6/2011	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	5/15/2015	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	6/13/2015	129	129	1.62	216.65	2069	12.9062%	TSS	--	0.289	28.3	#VALUE!	337.5190467
5439000	3/10/1929	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	3/28/1929	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	3/31/1929	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	4/7/1929	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	3/29/1931	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	6/8/1931	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	4/19/1980	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	5/4/1981	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	3/23/1990	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	6/13/1991	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	2/18/1992	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	6/14/1996	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	3/23/1998	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	5/19/1998	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	6/6/1999	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	3/2/2008	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	5/30/2009	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	6/2/2009	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	3/20/2010	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	3/3/2011	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203
5439000	7/8/2015	128	128	1.62	215.04	2092	13.0497%	TSS	--	0.289	28.3	#VALUE!	334.9998203

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/25/1931	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	1/7/1932	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	3/27/1933	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	4/1/1933	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	4/2/1933	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	5/5/1933	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	5/26/1933	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	5/28/1933	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	3/25/1982	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	7/12/1982	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	6/1/1983	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	12/7/1985	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	9/5/1987	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	5/9/1990	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	2/26/1992	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	4/28/1993	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	5/18/1995	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	2/15/1998	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	7/5/2000	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	5/21/2003	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	2/17/2005	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	12/26/2008	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	6/17/2009	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	3/24/2011	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	3/7/2012	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	5/10/2012	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	6/15/2013	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	3/17/2015	127	127	1.62	213.42	2113	13.1807%	TSS	--	0.289	28.3	#VALUE!	332.4805939
5439000	12/21/1928	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	12/22/1928	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	4/16/1981	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	4/26/1981	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/2/1987	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	2/8/1990	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	12/12/1990	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	4/1/1991	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	4/20/1991	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	12/11/1991	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	12/21/1992	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	2/27/1998	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	2/28/1998	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	5/19/1999	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	6/1/1999	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	3/25/2004	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	6/9/2004	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	3/8/2007	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	4/17/2008	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	2/7/2009	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	2/15/2009	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	3/20/2009	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	5/13/2009	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	8/6/2010	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	5/20/2011	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	5/3/2013	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	5/29/2015	126	126	1.62	211.80	2141	13.3554%	TSS	--	0.289	28.3	#VALUE!	329.9613675
5439000	4/2/1982	125	125	1.62	210.19	2168	13.5238%	TSS	--	0.289	28.3	#VALUE!	327.4421412
5439000	6/2/1982	125	125	1.62	210.19	2168	13.5238%	TSS	--	0.289	28.3	#VALUE!	327.4421412
5439000	7/6/1982	125	125	1.62	210.19	2168	13.5238%	TSS	--	0.289	28.3	#VALUE!	327.4421412
5439000	12/15/1982	125	125	1.62	210.19	2168	13.5238%	TSS	--	0.289	28.3	#VALUE!	327.4421412
5439000	4/20/1983	125	125	1.62	210.19	2168	13.5238%	TSS	--	0.289	28.3	#VALUE!	327.4421412
5439000	10/27/1986	125	125	1.62	210.19	2168	13.5238%	TSS	--	0.289	28.3	#VALUE!	327.4421412
5439000	4/15/1987	125	125	1.62	210.19	2168	13.5238%	TSS	--	0.289	28.3	#VALUE!	327.4421412
5439000	1/18/1995	125	125	1.62	210.19	2168	13.5238%	TSS	--	0.289	28.3	#VALUE!	327.4421412
5439000	4/16/1995	125	125	1.62	210.19	2168	13.5238%	TSS	--	0.289	28.3	#VALUE!	327.4421412

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/16/1996	125	125	1.62	210.19	2168	13.5238%	TSS	--	0.289	28.3	#VALUE!	327.4421412
5439000	3/7/1997	125	125	1.62	210.19	2168	13.5238%	TSS	--	0.289	28.3	#VALUE!	327.4421412
5439000	5/9/1999	125	125	1.62	210.19	2168	13.5238%	TSS	--	0.289	28.3	#VALUE!	327.4421412
5439000	4/13/2002	125	125	1.62	210.19	2168	13.5238%	TSS	--	0.289	28.3	#VALUE!	327.4421412
5439000	3/21/2010	125	125	1.62	210.19	2168	13.5238%	TSS	--	0.289	28.3	#VALUE!	327.4421412
5439000	6/29/2010	125	125	1.62	210.19	2168	13.5238%	TSS	--	0.289	28.3	#VALUE!	327.4421412
5439000	4/30/2013	125	125	1.62	210.19	2168	13.5238%	TSS	--	0.289	28.3	#VALUE!	327.4421412
5439000	6/26/2014	125	125	1.62	210.19	2168	13.5238%	TSS	--	0.289	28.3	#VALUE!	327.4421412
5439000	9/17/1926	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	12/3/1926	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	2/9/1927	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	3/22/1927	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	3/23/1927	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	3/25/1927	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	5/12/1927	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	12/13/1983	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	6/2/1984	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	3/9/1986	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	11/17/1987	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	5/19/1990	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	4/16/1992	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	5/1/1995	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	5/19/1995	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	3/11/1998	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	5/16/1998	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	2/6/1999	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	6/19/1999	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	3/19/2008	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	4/8/2008	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	6/11/2008	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	3/23/2010	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148
5439000	4/10/2010	124	124	1.62	208.57	2185	13.6298%	TSS	--	0.289	28.3	#VALUE!	324.9229148

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/28/1980	123	123	1.62	206.95	2209	13.7796%	TSS	--	0.289	28.3	#VALUE!	322.4036884
5439000	5/14/1981	123	123	1.62	206.95	2209	13.7796%	TSS	--	0.289	28.3	#VALUE!	322.4036884
5439000	7/1/1982	123	123	1.62	206.95	2209	13.7796%	TSS	--	0.289	28.3	#VALUE!	322.4036884
5439000	5/14/1983	123	123	1.62	206.95	2209	13.7796%	TSS	--	0.289	28.3	#VALUE!	322.4036884
5439000	11/7/1985	123	123	1.62	206.95	2209	13.7796%	TSS	--	0.289	28.3	#VALUE!	322.4036884
5439000	11/9/1985	123	123	1.62	206.95	2209	13.7796%	TSS	--	0.289	28.3	#VALUE!	322.4036884
5439000	2/27/1994	123	123	1.62	206.95	2209	13.7796%	TSS	--	0.289	28.3	#VALUE!	322.4036884
5439000	11/5/1994	123	123	1.62	206.95	2209	13.7796%	TSS	--	0.289	28.3	#VALUE!	322.4036884
5439000	6/14/2002	123	123	1.62	206.95	2209	13.7796%	TSS	--	0.289	28.3	#VALUE!	322.4036884
5439000	6/10/2004	123	123	1.62	206.95	2209	13.7796%	TSS	--	0.289	28.3	#VALUE!	322.4036884
5439000	12/1/2006	123	123	1.62	206.95	2209	13.7796%	TSS	--	0.289	28.3	#VALUE!	322.4036884
5439000	12/17/2006	123	123	1.62	206.95	2209	13.7796%	TSS	--	0.289	28.3	#VALUE!	322.4036884
5439000	6/2/2007	123	123	1.62	206.95	2209	13.7796%	TSS	--	0.289	28.3	#VALUE!	322.4036884
5439000	9/30/2008	123	123	1.62	206.95	2209	13.7796%	TSS	--	0.289	28.3	#VALUE!	322.4036884
5439000	5/10/2009	123	123	1.62	206.95	2209	13.7796%	TSS	--	0.289	28.3	#VALUE!	322.4036884
5439000	10/29/2009	123	123	1.62	206.95	2209	13.7796%	TSS	--	0.289	28.3	#VALUE!	322.4036884
5439000	11/6/2009	123	123	1.62	206.95	2209	13.7796%	TSS	--	0.289	28.3	#VALUE!	322.4036884
5439000	4/11/2015	123	123	1.62	206.95	2209	13.7796%	TSS	--	0.289	28.3	#VALUE!	322.4036884
5439000	6/27/1982	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462
5439000	7/29/1982	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462
5439000	3/23/1983	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462
5439000	5/5/1983	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462
5439000	5/30/1986	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462
5439000	5/28/1987	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462
5439000	2/23/1988	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462
5439000	8/9/1989	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462
5439000	4/12/1991	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462
5439000	6/5/1991	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462
5439000	12/2/1992	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462
5439000	11/14/1995	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462
5439000	5/13/1996	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462
5439000	2/14/1999	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/2/2002	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462
5439000	4/4/2007	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462
5439000	3/23/2008	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462
5439000	12/20/2011	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462
5439000	6/28/2015	122	122	1.62	205.33	2227	13.8918%	TSS	--	0.289	28.3	#VALUE!	319.884462
5439000	10/13/1927	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	12/29/1927	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	5/19/1928	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	8/16/1981	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	2/22/1982	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	5/6/1983	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	4/26/1984	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	11/28/1985	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	5/26/1986	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	6/22/1990	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	4/30/1998	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	10/17/1998	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	4/20/1999	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	6/21/2000	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	5/25/2002	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	8/14/2007	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	7/21/2008	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	4/8/2009	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	6/1/2009	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	5/4/2013	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	4/9/2015	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	5/30/2015	121	121	1.62	203.72	2246	14.0104%	TSS	--	0.289	28.3	#VALUE!	317.3652356
5439000	3/12/1929	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	4/8/1929	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	4/13/1929	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	6/22/1929	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	2/20/1930	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/25/1984	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	3/29/1984	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	12/19/1990	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	7/29/1993	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	9/18/1993	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	10/3/1993	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	3/18/1994	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	4/20/1995	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	5/3/1998	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	5/3/1999	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	6/28/2000	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	6/3/2001	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	8/12/2007	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	6/15/2008	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	3/24/2009	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	2/17/2011	120	120	1.62	202.10	2268	14.1476%	TSS	--	0.289	28.3	#VALUE!	314.8460092
5439000	11/21/1931	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	12/14/1931	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	1/14/1932	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	1/19/1932	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	4/3/1932	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	3/28/1933	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	4/3/1933	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	4/8/1933	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	5/16/1933	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	7/10/1933	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	6/22/1981	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	5/16/1983	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	3/22/1984	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	4/14/1988	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	6/23/1990	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	4/6/1998	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/7/1998	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	5/1/1998	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	2/7/1999	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	3/20/2007	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	6/6/2008	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	9/29/2008	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	1/5/2009	119	119	1.62	200.48	2289	14.2786%	TSS	--	0.289	28.3	#VALUE!	312.3267829
5439000	11/27/1928	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	12/23/1928	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	1/6/1929	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	1/24/1929	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	12/24/1982	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	1/1/1983	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	12/15/1984	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	10/1/1986	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	9/17/1987	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	12/5/1990	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	5/20/1991	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	10/17/1993	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	5/5/1998	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	2/28/2000	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	5/24/2002	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	6/11/2004	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	6/17/2004	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	2/7/2005	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	5/2/2007	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	9/25/2008	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	4/3/2014	118	118	1.62	198.87	2312	14.4221%	TSS	--	0.289	28.3	#VALUE!	309.8075565
5439000	2/18/1983	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301
5439000	7/13/1983	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301
5439000	12/14/1983	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301
5439000	6/28/1985	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/8/1985	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301
5439000	3/18/1986	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301
5439000	9/11/1989	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301
5439000	2/15/1990	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301
5439000	3/24/1990	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301
5439000	11/17/1992	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301
5439000	6/26/1993	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301
5439000	6/28/1996	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301
5439000	3/13/2002	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301
5439000	4/15/2007	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301
5439000	2/20/2008	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301
5439000	6/3/2009	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301
5439000	6/23/2010	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301
5439000	3/3/2012	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301
5439000	6/13/2014	117	117	1.62	197.25	2333	14.5531%	TSS	--	0.289	28.3	#VALUE!	307.2883301
5439000	2/21/1926	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	3/4/1926	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	4/15/1926	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	10/11/1926	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	12/14/1926	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	2/10/1927	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	2/11/1927	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	3/18/1927	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	3/20/1927	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	3/27/1927	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	4/27/1927	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	5/9/1927	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	6/3/1927	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	6/5/1980	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	9/29/1980	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	2/25/1982	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	4/21/1982	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/6/1987	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	9/14/1989	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	11/29/1991	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	12/26/1993	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	12/29/1994	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	3/11/1995	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	4/10/1995	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	5/20/1999	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	5/12/2004	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	6/4/2007	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	4/5/2008	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	7/15/2008	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	5/21/2009	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	5/2/2011	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	4/25/2015	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	4/28/2015	116	116	1.62	195.63	2352	14.6716%	TSS	--	0.289	28.3	#VALUE!	304.7691037
5439000	5/11/1981	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	5/18/1981	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	3/18/1985	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	2/7/1986	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	3/16/1986	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	5/22/1990	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	12/11/1990	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	4/18/1992	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	11/3/1992	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	11/20/1992	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	2/25/1994	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	6/30/1994	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	1/5/1998	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	6/9/1998	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	2/10/1999	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	12/26/2006	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/26/2007	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	1/14/2008	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	10/27/2008	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	3/21/2009	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	6/18/2009	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	1/29/2010	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	6/18/2011	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	3/8/2012	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	7/8/2014	115	115	1.62	194.01	2385	14.8774%	TSS	--	0.289	28.3	#VALUE!	302.2498773
5439000	6/7/1980	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	4/21/1983	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	10/2/1986	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	1/17/1990	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	3/4/1990	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	4/21/1991	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	1/16/1992	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	2/7/1993	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	3/13/1994	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	6/14/1994	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	8/13/1996	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	5/11/1999	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	6/7/1999	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	3/25/2001	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	4/14/2002	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	3/18/2008	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	5/30/2008	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	10/24/2008	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	11/7/2009	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	11/13/2011	114	114	1.62	192.40	2410	15.0334%	TSS	--	0.289	28.3	#VALUE!	299.730651
5439000	10/11/1927	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	11/15/1927	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	11/24/1927	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/28/1927	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	12/1/1927	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	12/31/1927	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	4/1/1928	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	4/13/1928	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	4/18/1928	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	6/24/1928	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	7/8/1928	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	3/29/1929	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	5/2/1929	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	5/24/1929	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	7/12/1929	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	10/20/1980	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	12/16/1982	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	6/2/1983	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	4/30/1984	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	9/7/1987	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	12/4/1987	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	9/13/1989	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	1/9/1993	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	5/10/1993	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	7/4/1993	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	10/18/1993	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	3/15/1994	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	8/13/1994	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	11/16/1994	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	2/21/1995	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	6/8/1995	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	6/15/1996	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	8/3/1996	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	3/8/1997	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	1/11/1998	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/16/1998	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	11/12/1998	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	6/5/2000	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	1/30/2001	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	5/18/2003	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	4/3/2004	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	9/6/2007	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	4/18/2008	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	3/14/2011	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	12/21/2011	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	6/29/2015	113	113	1.62	190.78	2430	15.1581%	TSS	--	0.289	28.3	#VALUE!	297.2114246
5439000	2/22/1930	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	3/30/1930	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	4/25/1930	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	4/20/1980	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	5/13/1981	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	10/20/1981	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	5/7/1983	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	5/31/1986	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	9/18/1987	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	12/19/1987	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	3/12/1989	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	2/10/1990	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	5/8/1990	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	3/10/1997	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	5/11/1997	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	3/20/1999	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	5/10/1999	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	6/4/2000	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	5/3/2003	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	7/24/2007	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	8/15/2007	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/16/2008	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	5/11/2009	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	1/2/2010	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	5/20/2010	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	6/7/2011	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	12/5/2011	112	112	1.62	189.16	2476	15.4451%	TSS	--	0.289	28.3	#VALUE!	294.6921982
5439000	11/27/1931	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	2/14/1932	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	6/7/1932	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	1/23/1933	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	2/2/1933	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	5/20/1933	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	5/21/1933	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	7/5/1933	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	6/8/1980	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	3/24/1983	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	4/2/1985	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	5/18/1990	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	12/22/1992	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	3/12/1993	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	12/25/1994	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	3/12/1995	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	3/9/1997	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	1/10/1998	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	3/24/1998	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	6/20/1999	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	5/31/2003	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	3/17/2008	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	12/12/2008	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	5/31/2009	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	6/21/2009	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	6/21/2010	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/19/2015	111	111	1.62	187.55	2503	15.6135%	TSS	--	0.289	28.3	#VALUE!	292.1729718
5439000	12/24/1928	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	1/7/1929	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	2/22/1981	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	5/5/1981	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	11/2/1982	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	2/22/1985	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	3/19/1985	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	1/21/1986	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	2/22/1986	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	4/27/1987	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	1/18/1988	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	7/21/1989	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	11/7/1990	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	2/19/1991	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	1/4/1995	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	5/4/1998	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	5/4/1999	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	5/13/2000	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	4/13/2001	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	6/9/2001	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	9/19/2001	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	3/9/2004	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	2/8/2005	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	9/7/2007	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	3/8/2008	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	8/29/2009	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	3/6/2010	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	2/28/2011	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	5/5/2013	110	110	1.62	185.93	2530	15.7819%	TSS	--	0.289	28.3	#VALUE!	289.6537454
5439000	7/2/1982	109	109	1.62	184.31	2559	15.9628%	TSS	--	0.289	28.3	#VALUE!	287.134519
5439000	12/9/1986	109	109	1.62	184.31	2559	15.9628%	TSS	--	0.289	28.3	#VALUE!	287.134519

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/23/1990	109	109	1.62	184.31	2559	15.9628%	TSS	--	0.289	28.3	#VALUE!	287.134519
5439000	3/25/1990	109	109	1.62	184.31	2559	15.9628%	TSS	--	0.289	28.3	#VALUE!	287.134519
5439000	12/13/1990	109	109	1.62	184.31	2559	15.9628%	TSS	--	0.289	28.3	#VALUE!	287.134519
5439000	3/11/1992	109	109	1.62	184.31	2559	15.9628%	TSS	--	0.289	28.3	#VALUE!	287.134519
5439000	4/19/1992	109	109	1.62	184.31	2559	15.9628%	TSS	--	0.289	28.3	#VALUE!	287.134519
5439000	9/1/1993	109	109	1.62	184.31	2559	15.9628%	TSS	--	0.289	28.3	#VALUE!	287.134519
5439000	5/20/1998	109	109	1.62	184.31	2559	15.9628%	TSS	--	0.289	28.3	#VALUE!	287.134519
5439000	6/17/1998	109	109	1.62	184.31	2559	15.9628%	TSS	--	0.289	28.3	#VALUE!	287.134519
5439000	5/21/1999	109	109	1.62	184.31	2559	15.9628%	TSS	--	0.289	28.3	#VALUE!	287.134519
5439000	2/23/2002	109	109	1.62	184.31	2559	15.9628%	TSS	--	0.289	28.3	#VALUE!	287.134519
5439000	6/15/2002	109	109	1.62	184.31	2559	15.9628%	TSS	--	0.289	28.3	#VALUE!	287.134519
5439000	12/13/2008	109	109	1.62	184.31	2559	15.9628%	TSS	--	0.289	28.3	#VALUE!	287.134519
5439000	4/14/2009	109	109	1.62	184.31	2559	15.9628%	TSS	--	0.289	28.3	#VALUE!	287.134519
5439000	11/28/2009	109	109	1.62	184.31	2559	15.9628%	TSS	--	0.289	28.3	#VALUE!	287.134519
5439000	3/25/2011	109	109	1.62	184.31	2559	15.9628%	TSS	--	0.289	28.3	#VALUE!	287.134519
5439000	5/31/2015	109	109	1.62	184.31	2559	15.9628%	TSS	--	0.289	28.3	#VALUE!	287.134519
5439000	6/20/1926	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	8/20/1926	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	10/12/1926	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	2/1/1927	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	4/1/1927	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	4/7/1927	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	5/4/1927	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	5/13/1927	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	6/7/1927	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	8/24/1980	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	4/22/1983	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	10/25/1985	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	4/2/1991	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	5/11/1993	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	1/19/1995	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	5/20/1995	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/25/1997	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	5/17/1998	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	2/8/1999	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	2/9/1999	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	3/11/2008	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	4/19/2008	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	6/16/2008	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	7/11/2008	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	2/16/2009	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	5/21/2011	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	2/12/2013	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	7/5/2013	108	108	1.62	182.69	2577	16.0751%	TSS	--	0.289	28.3	#VALUE!	284.6152927
5439000	9/30/1980	107	107	1.62	181.08	2605	16.2498%	TSS	--	0.289	28.3	#VALUE!	282.0960663
5439000	12/1/1983	107	107	1.62	181.08	2605	16.2498%	TSS	--	0.289	28.3	#VALUE!	282.0960663
5439000	3/20/1986	107	107	1.62	181.08	2605	16.2498%	TSS	--	0.289	28.3	#VALUE!	282.0960663
5439000	5/26/1990	107	107	1.62	181.08	2605	16.2498%	TSS	--	0.289	28.3	#VALUE!	282.0960663
5439000	8/23/1990	107	107	1.62	181.08	2605	16.2498%	TSS	--	0.289	28.3	#VALUE!	282.0960663
5439000	4/13/1991	107	107	1.62	181.08	2605	16.2498%	TSS	--	0.289	28.3	#VALUE!	282.0960663
5439000	3/11/1997	107	107	1.62	181.08	2605	16.2498%	TSS	--	0.289	28.3	#VALUE!	282.0960663
5439000	2/15/1999	107	107	1.62	181.08	2605	16.2498%	TSS	--	0.289	28.3	#VALUE!	282.0960663
5439000	5/5/1999	107	107	1.62	181.08	2605	16.2498%	TSS	--	0.289	28.3	#VALUE!	282.0960663
5439000	4/5/2007	107	107	1.62	181.08	2605	16.2498%	TSS	--	0.289	28.3	#VALUE!	282.0960663
5439000	3/20/2008	107	107	1.62	181.08	2605	16.2498%	TSS	--	0.289	28.3	#VALUE!	282.0960663
5439000	4/9/2009	107	107	1.62	181.08	2605	16.2498%	TSS	--	0.289	28.3	#VALUE!	282.0960663
5439000	4/11/2010	107	107	1.62	181.08	2605	16.2498%	TSS	--	0.289	28.3	#VALUE!	282.0960663
5439000	4/18/2011	107	107	1.62	181.08	2605	16.2498%	TSS	--	0.289	28.3	#VALUE!	282.0960663
5439000	4/5/2014	107	107	1.62	181.08	2605	16.2498%	TSS	--	0.289	28.3	#VALUE!	282.0960663
5439000	4/14/2014	107	107	1.62	181.08	2605	16.2498%	TSS	--	0.289	28.3	#VALUE!	282.0960663
5439000	7/15/2014	107	107	1.62	181.08	2605	16.2498%	TSS	--	0.289	28.3	#VALUE!	282.0960663
5439000	3/11/1929	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	4/9/1929	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	5/16/1929	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/1/1929	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	4/4/1980	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	12/10/1980	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	6/1/1981	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	2/26/1982	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	4/1/1982	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	6/3/1983	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	12/16/1984	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	11/29/1985	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	3/17/1986	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	3/2/1990	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	4/22/1991	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	8/29/1993	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	12/26/1994	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	12/27/1994	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	4/17/1995	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	2/19/2001	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	2/21/2001	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	5/22/2003	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	3/24/2010	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	2/24/2011	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	6/8/2011	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	5/11/2012	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	5/1/2013	106	106	1.62	179.46	2622	16.3558%	TSS	--	0.289	28.3	#VALUE!	279.5768399
5439000	11/25/1927	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	1/11/1928	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	3/9/1928	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	6/20/1928	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	7/19/1928	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	7/24/1928	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	8/5/1928	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	4/17/1981	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/17/1982	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	4/27/1984	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	2/3/1987	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	5/29/1987	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	7/2/1990	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	11/5/1992	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	12/4/1992	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	3/27/1994	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	2/17/1998	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	6/18/1998	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	12/9/1998	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	4/19/2000	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	6/29/2000	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	5/8/2003	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	5/19/2003	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	3/21/2008	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	3/15/2011	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	6/27/2014	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	6/30/2015	105	105	1.62	177.84	2649	16.5242%	TSS	--	0.289	28.3	#VALUE!	277.0576135
5439000	4/14/1929	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	2/21/1930	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	3/28/1931	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	2/26/1983	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	5/17/1983	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	6/15/1983	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	2/26/1984	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	6/3/1984	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	1/1/1985	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	1/29/1988	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	12/3/1991	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	4/20/1992	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	1/26/1993	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/21/1995	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	5/2/1995	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	3/25/1998	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	5/22/1999	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	7/13/2000	104	104	1.62	176.23	2676	16.6927%	TSS	0.18	0.289	28.3	170.9927671	274.5383871
5439000	3/14/2002	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	5/3/2002	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	5/26/2002	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	2/24/2004	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	5/3/2007	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	6/5/2007	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	7/13/2007	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	3/24/2008	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	10/8/2008	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	6/4/2009	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	6/18/2014	104	104	1.62	176.23	2676	16.6927%	TSS	--	0.289	28.3	#VALUE!	274.5383871
5439000	11/28/1928	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	11/30/1928	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	12/25/1928	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	1/3/1932	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	1/8/1932	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	1/13/1932	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	1/20/1932	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	5/8/1932	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	12/27/1932	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	2/25/1933	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	4/9/1933	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	5/17/1933	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	5/29/1933	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	6/6/1980	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	6/24/1981	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	3/20/1984	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/3/1985	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	11/30/1985	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	3/7/1986	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	7/16/1986	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	4/15/1988	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	7/19/1989	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	6/6/1991	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	12/15/1991	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	7/5/1993	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	8/25/1993	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	8/5/1996	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	3/1/1998	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	3/12/1998	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	5/18/1998	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	6/20/1998	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	10/21/1998	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	4/25/2000	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	4/15/2002	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	6/18/2004	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	2/18/2005	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	3/22/2008	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	6/14/2008	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	9/26/2008	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	12/18/2008	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	12/19/2008	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	3/22/2009	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	5/12/2009	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	5/26/2009	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	5/21/2010	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	6/19/2011	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	7/15/2015	103	103	1.62	174.61	2705	16.8736%	TSS	--	0.289	28.3	#VALUE!	272.0191607
5439000	9/4/1980	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/27/1981	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	11/28/1982	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	1/2/1983	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	3/30/1984	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	11/8/1985	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	9/8/1987	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	2/26/1990	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	3/5/1990	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	12/6/1990	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	12/17/1990	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	2/27/1992	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	12/3/1992	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	10/19/1993	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	11/17/1994	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	3/13/1995	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	11/2/1995	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	6/29/1996	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	3/12/1997	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	6/8/1999	102	102	1.62	172.99	2752	17.1667%	TSS	0.14	0.289	28.3	130.5536014	269.4999344
5439000	6/22/1999	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	6/22/2000	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	4/15/2001	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	6/12/2008	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	1/6/2009	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	4/13/2009	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	5/23/2009	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	12/24/2009	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	5/3/2011	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	3/4/2012	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	3/19/2013	102	102	1.62	172.99	2752	17.1667%	TSS	--	0.289	28.3	#VALUE!	269.4999344
5439000	12/28/1927	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708
5439000	5/19/1981	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/3/1982	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708
5439000	11/15/1982	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708
5439000	12/18/1982	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708
5439000	2/16/1983	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708
5439000	5/19/1983	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708
5439000	12/9/1985	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708
5439000	5/25/1990	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708
5439000	6/18/1990	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708
5439000	6/12/1991	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708
5439000	5/14/1996	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708
5439000	2/29/2000	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708
5439000	3/5/2001	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708
5439000	4/16/2001	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708
5439000	12/18/2006	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708
5439000	4/6/2008	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708
5439000	1/4/2011	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708
5439000	3/6/2012	101	101	1.62	171.37	2783	17.3601%	TSS	--	0.289	28.3	#VALUE!	266.980708
5439000	4/16/1926	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	10/13/1926	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	12/4/1926	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	12/13/1926	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	2/17/1927	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	3/19/1927	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	3/28/1927	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	4/9/1927	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	4/28/1927	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	5/23/1927	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	6/22/1927	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	4/2/1928	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	10/1/1980	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	9/29/1981	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	7/13/1982	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/14/1983	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	6/6/1984	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	12/14/1984	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	5/25/1989	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	5/23/1990	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	6/14/1990	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	2/4/1991	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	5/21/1991	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	5/12/1993	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	2/18/1994	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	12/30/1994	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	6/21/1999	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	6/23/1999	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	6/23/2000	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	3/13/2001	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	5/27/2002	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	1/16/2005	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	6/11/2006	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	12/27/2006	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	4/6/2007	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	2/17/2009	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	5/22/2009	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	5/22/2011	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	6/20/2011	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	5/2/2013	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	3/24/2014	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	4/12/2015	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	4/29/2015	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	7/6/2015	100	100	1.62	169.76	2802	17.4786%	TSS	--	0.289	28.3	#VALUE!	264.4614816
5439000	3/30/1929	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	5/3/1929	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	6/23/1929	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/28/1931	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	12/15/1931	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	3/8/1932	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	4/4/1932	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	2/1/1933	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	3/31/1933	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	10/21/1980	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	4/22/1982	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	7/30/1982	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	3/26/1983	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	4/23/1983	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	6/28/1983	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	11/25/1983	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	5/22/1984	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	3/28/1985	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	11/5/1987	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	12/5/1987	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	1/25/1988	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	9/12/1989	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	2/1/1990	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	2/3/1990	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	5/27/1990	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	12/15/1990	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	3/4/1991	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	4/21/1992	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	11/11/1992	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	3/5/1994	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	3/10/1994	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	3/19/1994	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	6/9/1995	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	3/26/1998	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	3/25/2008	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/17/2008	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	5/28/2008	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	6/7/2008	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	6/8/2008	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	6/25/2009	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	5/7/2010	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	4/15/2012	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	5/6/2013	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	6/16/2013	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	6/12/2015	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	7/9/2015	99	99	1.62	168.14	2846	17.7531%	TSS	--	0.289	28.3	#VALUE!	261.9422552
5439000	7/21/1980	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	2/28/1981	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	6/29/1983	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	6/30/1985	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	6/1/1986	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	10/6/1986	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	6/11/1987	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	9/15/1989	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	1/13/1993	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	2/4/1993	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	11/15/1995	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	5/21/1998	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	7/9/1998	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	2/16/1999	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	3/21/1999	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	7/6/2000	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	3/26/2001	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	4/28/2002	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	6/16/2002	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	4/16/2007	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	6/5/2009	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/23/2011	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	4/14/2013	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	6/29/2014	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	5/20/2015	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	6/1/2015	98	98	1.62	166.52	2892	18.0400%	TSS	--	0.289	28.3	#VALUE!	259.4230288
5439000	11/16/1927	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	3/14/1928	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	3/31/1930	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	4/26/1930	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	12/27/1979	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	4/21/1980	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	6/23/1981	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	3/26/1982	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	12/19/1982	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	3/25/1983	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	6/27/1983	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	12/10/1985	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	8/10/1989	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	2/7/1990	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	3/26/1990	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	4/14/1990	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	12/10/1990	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	4/23/1991	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	2/2/1993	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	3/17/1993	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	9/19/1993	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	11/29/1994	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	5/26/1997	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	2/18/1998	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	3/13/1998	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	5/25/2006	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	5/4/2007	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/15/2008	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	10/1/2008	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	10/28/2008	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	11/14/2008	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	4/15/2009	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	7/26/2010	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	7/16/2015	97	97	1.62	164.91	2918	18.2022%	TSS	--	0.289	28.3	#VALUE!	256.9038025
5439000	11/29/1928	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	12/1/1928	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	6/7/1931	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	6/9/1984	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	6/15/1984	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	6/15/1986	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	5/7/1991	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	3/12/1992	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	3/13/1993	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	8/4/1996	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	8/14/1996	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	3/13/1997	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	3/14/1997	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	5/12/1997	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	3/17/1998	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	6/9/1999	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	4/14/2001	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	6/1/2001	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	2/24/2002	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	3/15/2002	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	5/28/2002	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	4/4/2004	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	11/15/2008	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	12/14/2008	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	2/18/2009	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/3/2009	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	4/12/2010	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	5/8/2010	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	6/21/2011	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	12/22/2011	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	2/1/2012	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	2/21/2014	96	96	1.62	163.29	2952	18.4143%	TSS	--	0.289	28.3	#VALUE!	254.3845761
5439000	1/21/1932	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	1/20/1933	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	3/29/1933	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	5/19/1933	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	5/18/1983	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	6/4/1983	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	11/27/1983	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	5/1/1984	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	1/17/1988	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	2/4/1988	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	4/16/1988	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	4/15/1990	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	6/15/1990	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	12/16/1990	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	12/20/1990	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	5/22/1991	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	3/25/1992	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	10/20/1993	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	3/14/1995	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	5/23/1999	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	6/10/2001	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	6/10/2006	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	3/23/2009	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	11/8/2009	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	11/25/2009	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/25/2010	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	3/26/2011	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	4/15/2014	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	8/21/2014	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	7/19/2015	95	95	1.62	161.67	2984	18.6139%	TSS	--	0.289	28.3	#VALUE!	251.8653497
5439000	10/14/1927	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	12/2/1927	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	2/25/1981	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	2/27/1984	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	4/5/1984	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	6/4/1984	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	3/20/1985	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	6/17/1990	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	2/8/1991	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	4/3/1991	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	11/18/1992	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	7/30/1993	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	6/4/2001	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	5/29/2002	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	5/4/2003	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	5/23/2003	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	12/12/2003	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	4/20/2008	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	5/24/2009	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	3/16/2011	94	94	1.62	160.06	3014	18.8011%	TSS	--	0.289	28.3	#VALUE!	249.3461233
5439000	2/24/1926	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	3/5/1926	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	12/5/1926	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	2/14/1927	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	4/8/1927	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	5/5/1927	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	5/14/1927	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/8/1927	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	4/5/1980	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	10/2/1980	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	5/6/1981	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	10/28/1986	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	9/19/1987	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	11/18/1987	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	4/17/1988	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	7/22/1989	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	5/5/1991	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	2/28/1992	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	12/6/1992	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	1/10/1993	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	10/21/1993	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	11/27/1994	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	5/20/1997	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	3/28/1998	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	11/13/1998	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	6/6/2000	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	8/22/2002	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	2/23/2004	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	4/21/2004	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	4/25/2004	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	6/21/2004	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	4/11/2007	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	6/1/2008	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	12/17/2008	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	12/20/2008	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	6/6/2009	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	1/30/2010	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	6/30/2010	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	5/4/2011	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/12/2012	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	7/9/2014	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	7/12/2014	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	4/13/2015	93	93	1.62	158.44	3034	18.9258%	TSS	--	0.289	28.3	#VALUE!	246.8268969
5439000	4/10/1929	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	10/1/1981	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	5/8/1983	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	12/15/1983	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	6/13/1984	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	12/10/1986	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	6/6/1989	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	2/6/1990	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	5/16/1991	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	5/17/1991	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	1/17/1992	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	12/23/1992	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	7/6/1993	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	11/2/1994	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	5/21/1995	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	5/9/1996	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	1/4/1998	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	5/22/1998	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	6/10/1999	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	10/26/2001	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	4/16/2002	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	5/4/2002	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	5/30/2002	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	5/1/2006	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	4/7/2007	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	9/8/2007	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	2/21/2008	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	10/9/2008	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/29/2008	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	4/10/2009	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	11/29/2009	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	2/25/2011	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	3/24/2013	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	7/1/2015	92	92	1.62	156.82	3077	19.1941%	TSS	--	0.289	28.3	#VALUE!	244.3076705
5439000	12/2/1928	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	7/3/1931	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	1/22/1932	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	1/23/1932	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	2/15/1932	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	4/5/1932	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	12/23/1932	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	2/23/1933	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	3/30/1933	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	4/4/1933	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	4/10/1933	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	5/18/1933	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	5/22/1933	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	2/23/1980	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	4/7/1980	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	3/1/1981	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	1/3/1983	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	12/2/1983	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	4/29/1984	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	4/4/1985	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	9/30/1986	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	12/6/1987	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	2/11/1990	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	5/28/1990	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	12/5/1992	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	5/13/1993	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/1/1994	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	6/10/1995	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	1/5/1997	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	5/3/1997	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	3/27/1998	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	7/5/1998	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	6/17/2002	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	12/12/2006	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	12/6/2011	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	3/9/2012	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	6/1/2013	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	4/30/2015	91	91	1.62	155.20	3111	19.4062%	TSS	--	0.289	28.3	#VALUE!	241.7884442
5439000	6/21/1926	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	10/14/1926	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	2/16/1927	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	11/26/1927	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	1/10/1928	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	3/27/1928	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	4/19/1928	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	3/16/1980	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	3/18/1980	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	4/22/1980	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	5/20/1981	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	2/27/1983	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	12/28/1984	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	3/29/1985	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	1/20/1986	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	9/9/1987	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	1/2/1988	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	3/5/1989	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	9/3/1989	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	2/25/1990	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/12/1990	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	12/7/1990	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	4/4/1991	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	6/7/1991	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	11/6/1992	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	12/24/1992	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	3/14/1993	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	10/4/1993	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	10/10/1993	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	2/28/1994	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	3/16/1994	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	11/18/1994	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	12/24/1994	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	1/6/1995	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	3/15/1995	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	4/9/1995	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	4/26/1995	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	5/4/1997	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	3/2/1998	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	6/24/1999	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	6/30/2000	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	5/31/2002	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	6/27/2006	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	12/15/2008	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	2/19/2009	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	5/25/2009	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	1/3/2010	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	3/17/2011	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	4/8/2011	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	3/5/2012	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	5/12/2012	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	4/15/2013	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/6/2013	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	3/18/2015	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	6/2/2015	90	90	1.62	153.59	3149	19.6432%	TSS	--	0.289	28.3	#VALUE!	239.2692178
5439000	4/3/1980	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	4/22/1981	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	6/2/1981	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	4/6/1985	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	11/24/1986	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	4/16/1987	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	5/24/1990	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	12/14/1990	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	2/22/1991	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	12/16/1991	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	11/4/1992	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	11/19/1992	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	1/31/1993	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	9/20/1993	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	3/15/1997	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	2/17/1999	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	5/24/1999	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	4/17/2001	89	89	1.62	151.97	3204	19.9863%	TSS	0.05	0.289	28.3	40.96020612	236.7499914
5439000	4/29/2002	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	6/19/2004	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	2/19/2005	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	3/10/2008	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	4/7/2008	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	9/27/2008	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	4/13/2010	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	4/9/2011	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	5/5/2011	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	5/6/2011	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	11/14/2011	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/4/2015	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	5/21/2015	89	89	1.62	151.97	3204	19.9863%	TSS	--	0.289	28.3	#VALUE!	236.7499914
5439000	4/15/1929	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	4/19/1929	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	5/4/1929	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	6/24/1929	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	8/25/1980	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	4/24/1983	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	5/1/1983	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	3/31/1984	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	11/3/1984	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	12/17/1984	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	6/15/1987	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	1/16/1988	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	2/28/1990	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	2/9/1991	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	11/10/1992	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	3/16/1993	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	12/31/1994	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	1/3/1995	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	5/3/1995	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	8/15/1996	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	3/16/1999	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	9/29/1999	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	4/26/2000	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	2/22/2001	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	2/20/2005	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	12/28/2006	88	88	1.62	150.35	3235	20.1797%	TSS	0.09	0.289	28.3	68.89140147	234.230765
5439000	4/17/2007	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	5/5/2007	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	7/27/2007	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	12/21/2008	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/7/2009	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	5/22/2010	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	3/13/2012	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	6/28/2014	88	88	1.62	150.35	3235	20.1797%	TSS	--	0.289	28.3	#VALUE!	234.230765
5439000	7/2/1931	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	12/16/1931	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	4/5/1933	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	4/23/1982	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	11/11/1982	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	12/20/1982	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	7/15/1983	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	4/6/1984	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	4/28/1984	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	5/2/1984	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	5/3/1984	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	6/5/1984	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	4/5/1985	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	4/28/1987	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	2/5/1988	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	3/27/1990	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	6/24/1990	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	4/22/1992	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	1/20/1995	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	5/15/1996	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	6/30/1996	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	6/21/1998	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	12/10/1998	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	6/11/2000	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	3/27/2001	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	5/1/2002	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	5/5/2002	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	3/10/2004	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/16/2008	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	6/26/2009	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	5/26/2010	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	6/13/2010	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	3/22/2011	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	6/22/2011	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	5/31/2013	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	5/3/2015	87	87	1.62	148.74	3269	20.3917%	TSS	--	0.289	28.3	#VALUE!	231.7115386
5439000	1/31/1926	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	9/18/1926	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	3/29/1927	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	4/3/1928	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	6/27/1928	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	7/25/1928	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	12/3/1928	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	3/28/1930	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	4/1/1930	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	4/27/1930	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	4/28/1930	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	6/9/1931	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	3/19/1980	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	10/3/1980	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	10/22/1980	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	12/11/1980	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	2/18/1981	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	3/30/1982	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	5/13/1983	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	4/7/1985	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	6/16/1986	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	5/30/1987	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	1/26/1988	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	3/6/1990	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/11/1992	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	9/2/1993	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	3/16/1995	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	2/19/1998	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	3/14/1998	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	3/1/2000	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	4/26/2004	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	12/19/2006	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	5/18/2008	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	1/7/2009	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	6/22/2010	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	2/26/2011	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	1/23/2012	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	5/7/2013	86	86	1.62	147.12	3305	20.6163%	TSS	--	0.289	28.3	#VALUE!	229.1923122
5439000	6/25/1981	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	10/21/1981	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	6/4/1982	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	1/4/1983	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	6/5/1983	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	2/28/1984	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	4/4/1984	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	3/21/1985	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	3/3/1986	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	7/3/1990	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	2/20/1991	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	12/17/1991	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	12/25/1992	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	2/11/1993	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	12/27/1993	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	1/21/1995	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	5/5/1997	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	6/25/1997	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/23/1998	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	7/21/1999	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	4/11/2001	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	5/6/2002	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	5/2/2006	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	12/2/2006	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	7/25/2007	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	3/9/2008	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	3/6/2009	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	8/7/2010	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	11/8/2011	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	12/23/2011	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	3/10/2012	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	7/8/2013	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	7/16/2014	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	5/22/2015	85	85	1.62	145.50	3343	20.8533%	TSS	--	0.289	28.3	#VALUE!	226.6730859
5439000	6/9/1980	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	5/7/1981	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	12/23/1982	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	5/9/1983	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	4/18/1988	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	9/16/1989	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	7/22/1990	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	11/8/1990	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	4/5/1991	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	12/4/1991	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	3/6/1992	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	1/27/1993	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	3/17/1994	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	4/22/1995	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	5/13/1997	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	3/3/1998	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/29/1998	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	7/2/2000	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	4/6/2001	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	6/11/2001	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	6/3/2002	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	1/1/2007	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	9/9/2007	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	3/26/2008	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	4/21/2008	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	11/16/2008	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	12/16/2008	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	11/9/2009	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	3/26/2010	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	3/27/2011	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	3/20/2013	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	6/21/2013	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	5/24/2015	84	84	1.62	143.88	3377	21.0654%	TSS	--	0.289	28.3	#VALUE!	224.1538595
5439000	1/20/1928	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	6/19/1928	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	7/3/1928	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	7/9/1928	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	3/4/1930	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	11/29/1931	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	1/4/1932	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	1/29/1932	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	5/9/1932	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	1/22/1933	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	1/24/1933	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	1/27/1933	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	4/11/1933	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	7/6/1933	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	2/25/1980	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/10/1984	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	7/17/1986	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	2/4/1987	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	6/3/1987	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	9/20/1987	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	1/15/1988	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	1/28/1988	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	2/27/1988	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	2/27/1990	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	3/1/1990	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	3/28/1990	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	2/10/1991	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	5/23/1991	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	2/20/1992	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	3/13/1992	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	3/22/1993	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	6/15/1994	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	7/17/1996	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	4/14/1997	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	5/24/1998	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	5/31/2000	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	7/14/2000	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	3/14/2001	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	2/25/2002	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	6/1/2002	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	4/5/2004	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	6/22/2004	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	4/8/2007	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	8/13/2007	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	3/27/2008	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	3/28/2008	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	5/29/2008	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/16/2009	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	5/7/2011	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	5/24/2011	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	4/16/2014	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	6/3/2015	83	83	1.62	142.27	3410	21.2713%	TSS	--	0.289	28.3	#VALUE!	221.6346331
5439000	3/6/1926	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	9/22/1926	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	12/7/1926	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	3/30/1927	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	4/10/1927	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	5/6/1927	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	5/15/1927	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	5/17/1929	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	5/25/1929	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	3/30/1931	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	10/24/1980	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	7/14/1982	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	11/16/1982	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	4/25/1983	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	5/20/1983	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	12/11/1985	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	4/29/1987	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	11/6/1987	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	3/29/1990	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	6/20/1990	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	12/21/1990	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	4/24/1991	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	4/23/1992	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	5/22/1995	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	11/16/1995	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	3/16/1997	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	5/7/1997	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/30/1998	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	3/22/1999	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	5/14/2000	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	3/6/2001	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	4/7/2001	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	4/17/2002	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	5/24/2003	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	3/24/2004	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	2/9/2005	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	4/17/2006	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	6/17/2008	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	3/5/2010	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	4/10/2011	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	2/2/2012	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	2/5/2012	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	6/14/2014	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	7/2/2015	82	82	1.62	140.65	3462	21.5957%	TSS	--	0.289	28.3	#VALUE!	219.1154067
5439000	4/6/1980	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	10/4/1980	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	5/21/1981	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	3/11/1982	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	3/22/1985	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	3/23/1985	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	6/2/1986	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	12/11/1986	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	9/10/1987	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	9/29/1987	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	12/15/1987	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	3/7/1990	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	4/16/1990	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	5/29/1990	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	12/8/1990	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/14/1991	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	3/26/1992	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	5/14/1993	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	7/31/1993	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	6/11/1995	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	2/20/1998	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	11/14/1998	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	5/25/1999	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	8/7/2000	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	4/30/2002	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	5/9/2002	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	6/18/2002	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	6/20/2004	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	12/31/2006	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	10/2/2008	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	4/11/2009	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	1/4/2010	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	6/14/2010	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	6/23/2011	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	1/24/2012	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	4/16/2013	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	6/17/2013	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	3/25/2014	81	81	1.62	139.03	3506	21.8701%	TSS	--	0.289	28.3	#VALUE!	216.5961803
5439000	10/15/1927	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	11/27/1927	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	3/28/1928	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	6/22/1928	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	6/28/1928	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	6/29/1928	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	5/5/1929	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	4/29/1930	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	12/28/1979	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/23/1980	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	9/5/1980	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	4/18/1981	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	5/8/1981	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	4/24/1982	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	7/31/1982	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	2/28/1983	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	4/1/1984	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	3/30/1985	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	3/21/1986	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	6/1/1987	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	11/19/1987	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	12/18/1987	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	1/27/1988	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	2/6/1988	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	2/12/1990	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	6/19/1990	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	12/30/1990	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	12/7/1992	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	12/26/1992	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	1/12/1993	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	3/15/1993	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	8/23/1993	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	11/30/1994	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	1/23/1995	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	2/18/1999	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	2/3/2001	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	6/2/2002	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	6/1/2003	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	3/2/2004	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	6/6/2007	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	12/27/2007	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/16/2008	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	1/31/2010	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	4/14/2010	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	2/27/2011	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	3/18/2011	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	3/11/2012	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	2/19/2013	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	7/10/2015	80	80	1.62	137.42	3544	22.1072%	TSS	--	0.289	28.3	#VALUE!	214.076954
5439000	4/17/1926	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	6/22/1926	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	7/4/1926	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	10/15/1926	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	10/16/1926	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	12/6/1926	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	1/31/1927	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	6/9/1927	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	6/23/1927	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	12/11/1931	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	1/5/1932	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	1/9/1932	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	1/24/1932	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	2/16/1932	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	6/6/1932	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	2/3/1933	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	5/30/1933	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	7/11/1933	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	2/21/1982	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	3/18/1983	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	5/10/1983	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	6/6/1983	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	12/11/1983	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	4/8/1985	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/26/1985	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	2/22/1988	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	7/29/1989	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	6/8/1991	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	9/3/1993	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	12/19/1993	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	1/1/1995	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	3/17/1995	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	12/12/1996	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	1/12/1998	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	10/22/1998	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	7/7/2000	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	4/18/2001	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	2/6/2005	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	2/21/2005	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	12/20/2006	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	7/14/2007	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	7/22/2008	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	10/30/2008	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	3/4/2009	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	4/17/2009	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	12/7/2011	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	5/8/2013	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	6/2/2013	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	4/6/2014	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	5/21/2014	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	9/10/2014	79	79	1.62	135.80	3593	22.4128%	TSS	--	0.289	28.3	#VALUE!	211.5577276
5439000	1/5/1929	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	4/16/1929	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	4/17/1929	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	7/2/1929	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	10/23/1980	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/12/1980	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	5/31/1987	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	3/28/1988	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	8/11/1989	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	2/5/1990	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	5/8/1991	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	4/24/1992	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	1/11/1993	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	5/4/1995	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	12/13/1996	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	1/6/1997	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	4/15/1997	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	4/27/2000	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	6/7/2000	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	7/1/2000	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	3/12/2001	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	3/28/2001	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	4/21/2001	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	3/16/2002	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	4/21/2002	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	5/7/2002	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	4/22/2004	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	2/13/2005	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	4/18/2007	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	8/16/2007	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	3/29/2008	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	4/22/2008	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	7/19/2008	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	3/5/2009	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	3/27/2010	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	11/27/2011	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	12/24/2011	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/3/2012	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	3/14/2012	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	4/16/2012	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	5/13/2012	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	5/10/2013	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	7/7/2013	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	7/10/2014	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	7/20/2015	78	78	1.62	134.18	3644	22.7310%	TSS	--	0.289	28.3	#VALUE!	209.0385012
5439000	6/3/1981	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	6/30/1981	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	11/24/1982	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	12/21/1982	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	1/5/1983	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	3/8/1983	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	4/26/1983	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	4/17/1984	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	5/4/1984	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	2/8/1986	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	10/29/1986	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	11/7/1987	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	1/14/1988	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	2/13/1990	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	12/9/1990	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	4/6/1991	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	2/24/1992	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	3/14/1992	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	1/14/1993	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	7/7/1993	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	7/2/1994	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	6/12/2001	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	4/18/2002	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	4/6/2004	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/8/2005	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	5/26/2006	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	1/5/2007	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	7/17/2007	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	3/30/2008	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	9/28/2008	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	4/18/2009	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	6/27/2009	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	1/5/2010	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	4/25/2010	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	2/27/2012	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	5/1/2015	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	6/4/2015	77	77	1.62	132.56	3689	23.0117%	TSS	--	0.289	28.3	#VALUE!	206.5192748
5439000	2/22/1926	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	2/18/1927	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	11/17/1927	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	1/9/1928	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	1/12/1928	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	2/16/1928	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	4/20/1928	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	1/2/1930	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	3/5/1930	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	4/30/1930	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	6/26/1931	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	11/30/1931	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	12/17/1931	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	1/30/1932	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	2/17/1932	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	4/6/1932	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	1/25/1933	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	4/12/1933	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	5/23/1933	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/21/1983	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	6/16/1984	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	1/2/1985	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	3/24/1985	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	10/7/1986	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	12/8/1986	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	2/7/1988	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	8/13/1989	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	1/18/1990	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	2/4/1990	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	3/5/1991	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	5/24/1991	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	6/11/1991	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	2/29/1992	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	10/22/1993	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	8/11/1994	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	2/27/1995	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	4/23/1995	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	2/10/1996	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	7/2/1996	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	8/16/1996	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	4/13/1997	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	5/14/1997	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	1/13/1998	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	3/4/1998	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	3/15/1998	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	5/25/1998	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	6/22/1998	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	6/25/1999	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	4/9/2001	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	4/19/2001	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	3/17/2002	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/19/2002	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	5/8/2002	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	1/20/2007	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	9/10/2007	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	6/2/2008	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	10/31/2008	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	4/12/2009	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	11/30/2009	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	5/23/2010	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	3/20/2011	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	3/21/2011	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	9/27/2011	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	2/4/2012	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	5/9/2013	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	5/20/2014	76	76	1.62	130.95	3726	23.2425%	TSS	--	0.289	28.3	#VALUE!	204.0000484
5439000	1/2/1929	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	1/23/1929	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	1/25/1929	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	2/26/1929	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	5/12/1929	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	5/15/1929	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	6/25/1929	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	5/9/1981	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	5/22/1981	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	2/27/1982	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	6/14/1983	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	7/16/1983	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	4/3/1984	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	12/13/1985	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	4/23/1988	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	3/30/1990	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	2/12/1991	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/25/1991	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	12/5/1991	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	1/28/1993	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	10/11/1993	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	12/20/1993	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	1/24/1995	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	11/20/1995	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	5/16/1996	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	7/1/1996	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	12/11/1998	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	11/11/2000	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	3/7/2001	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	12/29/2006	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	4/25/2008	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	11/10/2009	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	3/28/2010	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	4/15/2010	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	6/18/2010	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	4/11/2011	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	3/23/2013	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	5/23/2015	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	7/3/2015	75	75	1.62	129.33	3792	23.6542%	TSS	--	0.289	28.3	#VALUE!	201.480822
5439000	11/23/1982	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	12/22/1982	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	1/6/1983	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	3/1/1983	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	5/11/1983	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	12/3/1983	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	2/29/1984	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	4/2/1984	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	4/13/1984	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	4/16/1984	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/18/1984	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	1/4/1985	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	2/23/1986	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	3/8/1986	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	6/3/1986	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	6/4/1986	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	9/11/1987	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	9/21/1987	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	12/16/1987	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	2/8/1988	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	4/19/1988	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	2/16/1990	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	5/30/1990	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	6/16/1990	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	8/24/1990	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	12/22/1990	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	2/11/1991	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	4/27/1991	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	3/1/1992	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	5/15/1993	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	3/11/1994	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	11/19/1994	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	11/21/1994	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	6/12/1995	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	7/5/1995	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	5/21/1997	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	5/27/1997	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	3/23/1999	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	3/11/2004	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	3/13/2006	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	4/18/2006	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	5/3/2006	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/18/2006	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	4/9/2007	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	8/6/2007	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	10/10/2008	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	7/1/2010	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	3/28/2011	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	6/24/2011	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	12/25/2011	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	4/14/2015	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	6/7/2015	74	74	1.62	127.71	3831	23.8974%	TSS	--	0.289	28.3	#VALUE!	198.9615957
5439000	10/8/1930	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	8/9/1980	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	6/26/1981	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	3/27/1982	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	4/25/1982	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	6/5/1982	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	3/7/1983	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	4/30/1983	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	4/7/1984	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	9/30/1987	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	11/25/1987	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	11/26/1987	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	4/20/1988	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	11/9/1990	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	3/6/1991	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	4/7/1991	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	11/7/1992	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	12/29/1992	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	12/2/1993	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	12/1/1994	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	1/2/1995	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	2/21/1998	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/16/1998	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	2/19/1999	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	5/26/1999	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	3/8/2001	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	4/20/2001	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	6/19/2002	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	5/25/2003	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	4/27/2004	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	3/7/2005	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	5/28/2006	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	6/12/2006	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	1/4/2007	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	5/27/2007	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	9/11/2007	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	5/19/2008	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	11/17/2008	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	11/15/2011	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	2/6/2012	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	3/15/2012	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	3/21/2013	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	4/17/2014	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	10/16/2014	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	3/19/2015	73	73	1.62	126.10	3883	24.2218%	TSS	--	0.289	28.3	#VALUE!	196.4423693
5439000	1/5/1926	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	2/23/1926	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	3/7/1926	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	10/17/1926	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	12/8/1926	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	12/12/1926	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	2/19/1927	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	4/13/1927	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	4/15/1927	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/7/1927	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	5/16/1927	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	5/19/1927	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	12/3/1927	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	1/8/1928	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	12/13/1928	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	1/8/1929	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	5/6/1929	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	5/23/1929	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	7/13/1929	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	1/25/1932	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	1/26/1932	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	3/9/1932	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	4/7/1932	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	12/28/1932	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	1/26/1933	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	4/18/1933	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	4/24/1980	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	8/26/1980	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	10/5/1980	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	4/19/1981	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	10/22/1981	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	11/25/1982	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	3/9/1983	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	6/16/1983	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	11/26/1983	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	12/16/1983	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	6/18/1984	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	12/18/1984	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	4/9/1985	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	6/5/1986	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	11/23/1986	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/8/1987	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	1/13/1988	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	2/9/1988	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	7/12/1989	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	9/17/1989	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	6/25/1990	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	5/9/1991	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	4/25/1992	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	9/9/1992	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	12/8/1992	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	8/1/1993	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	9/21/1993	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	10/23/1993	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	3/18/1995	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	3/28/1995	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	3/29/1995	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	3/30/1995	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	11/17/1995	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	5/6/1997	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	5/26/1998	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	3/29/2001	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	4/8/2001	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	2/26/2002	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	4/22/2002	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	2/28/2005	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	1/6/2007	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	6/19/2007	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	6/28/2009	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	1/6/2010	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	5/8/2011	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	5/12/2011	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	2/3/2012	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/10/2013	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	7/9/2013	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	7/17/2014	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	5/2/2015	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	6/8/2015	72	72	1.62	124.48	3928	24.5025%	TSS	--	0.289	28.3	#VALUE!	193.9231429
5439000	5/26/1929	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	10/25/1980	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	5/10/1981	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	8/14/1981	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	6/7/1983	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	4/10/1985	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	10/19/1985	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	4/17/1987	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	11/20/1987	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	11/27/1987	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	2/19/1988	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	2/22/1990	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	7/4/1990	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	4/26/1991	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	6/9/1991	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	11/20/1994	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	4/24/1995	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	7/4/1995	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	12/16/1996	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	2/23/2001	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	3/18/2002	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	5/16/2006	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	5/17/2006	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	12/30/2006	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	11/11/2009	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	12/1/2009	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	4/16/2010	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/25/2010	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	7/11/2015	71	71	1.62	122.86	4006	24.9891%	TSS	--	0.289	28.3	#VALUE!	191.4039165
5439000	3/6/1930	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	6/15/1982	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	4/27/1983	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	4/28/1983	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	5/12/1983	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	6/11/1984	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	3/27/1985	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	1/18/1986	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	1/22/1986	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	3/22/1986	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	6/17/1986	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	11/25/1986	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	10/1/1987	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	12/17/1987	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	2/10/1988	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	3/6/1989	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	3/31/1990	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	4/1/1990	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	4/17/1990	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	5/31/1990	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	8/19/1990	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	2/21/1991	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	12/7/1991	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	1/18/1992	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	11/9/1992	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	12/27/1992	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	1/15/1993	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	10/5/1993	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	10/9/1993	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	3/25/1994	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/7/1995	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	1/25/1995	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	2/19/1995	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	5/5/1995	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	3/25/1997	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	3/29/1997	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	4/16/1997	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	5/2/1997	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	7/10/1998	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	5/31/1999	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	3/11/2001	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	4/20/2002	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	4/24/2002	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	2/5/2005	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	5/6/2007	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	6/18/2008	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	10/3/2008	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	2/20/2009	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	1/22/2012	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	7/11/2014	70	70	1.62	121.25	4035	25.1700%	TSS	--	0.289	28.3	#VALUE!	188.8846901
5439000	4/6/1926	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	4/18/1926	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	8/22/1926	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	12/9/1926	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	12/10/1926	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	12/11/1926	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	2/20/1927	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	3/31/1927	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	4/11/1927	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	5/8/1927	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	5/18/1927	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	3/29/1928	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/4/1928	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	4/21/1928	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	5/14/1929	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	5/18/1929	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	6/28/1929	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	4/2/1980	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	6/10/1980	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	3/2/1981	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	12/4/1983	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	4/12/1984	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	12/19/1984	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	12/22/1984	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	6/11/1986	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	7/18/1986	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	2/28/1988	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	2/29/1988	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	3/13/1989	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	6/21/1990	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	8/5/1990	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	4/8/1991	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	10/24/1993	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	12/15/1996	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	6/26/1997	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	2/22/1998	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	2/26/1998	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	5/27/1998	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	6/23/1998	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	3/24/1999	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	5/27/1999	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	5/28/1999	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	4/10/2001	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	3/4/2004	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/7/2004	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	6/28/2006	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	1/2/2007	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	1/3/2007	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	5/7/2007	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	6/7/2007	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	7/28/2007	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	1/8/2009	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	7/12/2010	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	7/27/2010	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	12/27/2011	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	5/14/2012	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	6/18/2013	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	7/10/2013	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	10/15/2014	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	6/5/2015	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	7/4/2015	69	69	1.62	119.63	4085	25.4819%	TSS	--	0.289	28.3	#VALUE!	186.3654637
5439000	12/5/1928	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	12/18/1931	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	12/19/1931	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	1/10/1932	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	1/28/1932	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	5/7/1932	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	2/26/1933	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	3/26/1933	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	4/17/1933	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	5/31/1933	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	10/6/1980	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	2/26/1981	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	5/23/1981	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	7/15/1982	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	11/17/1982	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/7/1983	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	4/14/1984	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	4/15/1984	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	6/16/1987	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	2/24/1988	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	2/26/1988	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	4/20/1990	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	4/21/1990	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	6/1/1990	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	12/18/1991	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	2/21/1992	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	2/3/1993	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	2/8/1993	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	12/18/1993	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	3/19/1995	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	6/13/1995	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	3/17/1997	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	3/26/1997	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	3/27/1997	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	3/28/1997	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	4/17/1997	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	5/18/1997	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	6/12/1997	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	1/14/1998	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	12/12/1998	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	6/26/1999	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	3/2/2000	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	5/15/2000	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	6/8/2000	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	7/8/2000	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	11/9/2000	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	6/13/2001	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/28/2004	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	6/23/2004	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	12/4/2006	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	4/19/2007	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	5/28/2007	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	4/23/2008	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	1/7/2010	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	4/4/2010	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	5/27/2010	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	4/16/2011	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	4/7/2014	68	68	1.62	118.01	4146	25.8624%	TSS	--	0.289	28.3	#VALUE!	183.8462374
5439000	3/7/1930	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	4/2/1930	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	5/1/1930	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	12/29/1979	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	9/6/1980	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	10/7/1980	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	11/3/1982	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	3/2/1983	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	6/12/1984	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	12/21/1984	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	7/1/1985	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	2/11/1988	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	2/18/1988	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	4/21/1988	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	4/22/1988	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	6/2/1990	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	6/26/1990	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	4/29/1991	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	5/10/1991	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	6/10/1991	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	1/20/1993	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/21/1993	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	3/2/1994	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	12/2/1994	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	3/20/1995	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	3/31/1995	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	6/16/1995	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	8/15/1995	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	5/15/1997	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	2/24/1998	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	3/5/1998	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	7/6/1998	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	11/15/1998	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	4/28/2000	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	4/22/2001	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	3/1/2004	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	3/9/2005	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	12/5/2006	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	1/8/2007	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	4/10/2007	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	4/24/2008	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	4/26/2008	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	11/13/2008	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	1/9/2009	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	6/29/2009	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	11/12/2009	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	2/1/2010	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	3/19/2011	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	5/9/2011	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	7/24/2011	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	12/26/2011	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	2/28/2012	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	3/16/2012	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/11/2013	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	4/15/2015	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	4/20/2015	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	7/21/2015	67	67	1.62	116.39	4204	26.2242%	TSS	--	0.289	28.3	#VALUE!	181.327011
5439000	4/19/1926	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	4/20/1926	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	9/19/1926	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	2/12/1927	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	4/12/1927	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	4/14/1927	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	5/20/1927	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	6/10/1927	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	12/4/1927	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	12/7/1927	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	12/8/1927	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	1/13/1928	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	1/22/1928	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	3/31/1928	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	8/6/1928	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	5/13/1929	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	6/26/1929	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	8/3/1929	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	4/26/1982	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	11/20/1982	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	4/29/1983	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	6/8/1983	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	6/10/1983	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	11/4/1984	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	12/14/1985	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	9/12/1987	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	9/22/1987	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	2/25/1988	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/16/1988	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	4/2/1990	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	4/22/1990	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	12/23/1990	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	12/6/1991	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	3/15/1992	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	4/11/1992	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	4/26/1992	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	5/16/1993	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	5/17/1993	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	6/15/1995	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	11/18/1995	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	11/19/1995	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	5/17/1996	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	8/18/1996	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	4/19/1997	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	5/22/1997	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	2/23/1998	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	5/29/1998	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	12/6/1998	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	3/3/1999	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	7/22/1999	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	7/15/2000	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	3/30/2001	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	3/31/2001	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	4/5/2001	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	4/23/2001	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	4/27/2002	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	6/20/2002	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	5/30/2003	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	1/17/2005	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	2/22/2005	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/3/2006	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	7/26/2007	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	5/9/2010	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	5/24/2010	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	3/29/2011	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	5/10/2011	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	11/28/2011	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	12/8/2011	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	2/13/2013	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	6/15/2014	66	66	1.62	114.78	4261	26.5798%	TSS	--	0.289	28.3	#VALUE!	178.8077846
5439000	12/26/1928	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	12/20/1931	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	1/27/1932	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	5/10/1932	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	4/13/1933	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	4/19/1933	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	5/24/1933	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	3/20/1980	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	4/25/1980	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	10/16/1980	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	6/4/1981	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	6/27/1981	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	8/1/1982	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	7/17/1983	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	4/8/1984	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	5/5/1984	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	6/17/1984	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	3/26/1985	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	4/11/1985	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	3/23/1986	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	10/8/1986	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	4/14/1987	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/30/1987	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	10/2/1987	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	1/12/1988	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	2/12/1988	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	9/4/1989	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	9/18/1989	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	12/31/1990	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	2/23/1992	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	3/2/1992	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	3/29/1992	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	4/15/1992	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	12/10/1992	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	1/16/1993	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	3/1/1994	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	8/14/1994	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	1/26/1995	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	11/21/1995	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	12/14/1996	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	5/23/1997	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	5/28/1997	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	2/8/1998	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	5/28/1998	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	6/24/1998	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	10/23/1998	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	2/20/1999	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	2/28/1999	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	3/19/2002	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	4/23/2002	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	5/29/2003	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	4/8/2004	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	3/10/2005	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	1/7/2007	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/22/2008	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	10/11/2008	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	12/2/2009	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	3/29/2010	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	4/12/2011	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	6/25/2011	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	8/23/2011	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	12/30/2011	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	1/1/2012	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	1/31/2013	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	3/22/2013	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	3/26/2015	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	7/12/2015	65	65	1.62	113.16	4331	27.0164%	TSS	--	0.289	28.3	#VALUE!	176.2885582
5439000	5/2/1930	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	9/26/1930	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	3/31/1931	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	2/22/1980	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	10/8/1980	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	12/13/1980	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	5/24/1981	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	10/23/1981	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	3/3/1983	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	3/1/1984	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	3/16/1984	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	4/19/1984	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	1/3/1985	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	3/25/1985	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	12/16/1985	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	1/3/1988	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	2/16/1988	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	2/17/1988	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	2/20/1988	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/1/1988	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	8/12/1989	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	4/23/1990	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	2/13/1991	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	4/28/1991	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	1/19/1992	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	3/24/1992	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	8/26/1993	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	7/3/1994	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	11/3/1994	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	3/6/1998	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	3/10/1999	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	5/29/1999	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	2/27/2002	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	3/20/2002	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	3/1/2005	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	5/19/2006	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	9/12/2007	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	1/17/2008	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	5/20/2008	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	11/1/2008	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	11/13/2009	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	1/8/2010	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	4/17/2010	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	5/11/2011	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	12/31/2011	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	1/4/2012	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	2/7/2012	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	3/31/2013	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	6/3/2013	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	3/28/2014	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318
5439000	6/9/2015	64	64	1.62	111.54	4398	27.4343%	TSS	--	0.289	28.3	#VALUE!	173.7693318

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/18/1926	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	2/13/1927	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	5/17/1927	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	5/21/1927	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	5/22/1927	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	4/18/1929	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	5/7/1929	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	6/30/1929	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	7/3/1929	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	4/20/1981	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	11/28/1984	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	10/30/1986	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	11/26/1986	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	5/2/1987	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	11/23/1987	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	2/13/1988	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	2/14/1988	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	2/15/1988	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	3/2/1988	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	3/14/1989	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	2/24/1990	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	4/4/1990	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	5/11/1991	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	6/15/1991	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	1/10/1992	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	3/16/1992	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	3/17/1992	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	3/27/1992	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	11/8/1992	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	7/8/1993	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	12/28/1993	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	3/28/1994	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/27/1995	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	4/25/1995	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	5/6/1995	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	6/14/1995	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	6/17/1995	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	11/3/1995	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	12/17/1996	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	5/1/1997	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	2/9/1998	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	11/16/1998	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	3/2/1999	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	6/27/1999	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	3/3/2000	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	5/16/2000	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	4/1/2001	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	6/15/2001	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	5/10/2002	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	5/26/2003	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	2/25/2004	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	4/23/2004	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	6/24/2004	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	2/10/2005	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	4/30/2006	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	5/13/2006	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	5/15/2006	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	1/26/2007	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	5/8/2007	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	4/28/2008	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	11/19/2008	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	8/30/2009	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	2/2/2010	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	8/20/2011	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/3/2011	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	1/25/2012	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	1/31/2012	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	3/17/2012	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	5/15/2012	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	3/29/2014	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	5/17/2014	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	7/18/2014	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	4/16/2015	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	6/6/2015	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	7/5/2015	63	63	1.62	109.93	4449	27.7525%	TSS	--	0.289	28.3	#VALUE!	171.2501055
5439000	10/16/1927	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	1/15/1928	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	4/22/1928	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	6/30/1928	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	7/10/1928	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	7/26/1928	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	12/6/1928	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	12/27/1928	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	1/9/1929	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	1/26/1929	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	1/3/1930	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	3/8/1930	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	4/3/1930	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	10/9/1930	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	12/1/1931	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	12/21/1931	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	12/22/1931	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	1/31/1932	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	1/28/1933	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	4/14/1933	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	11/27/1979	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/30/1979	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	10/26/1980	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	2/27/1981	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	6/29/1981	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	10/2/1981	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	6/6/1982	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	3/4/1983	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	3/10/1983	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	6/9/1983	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	4/9/1984	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	6/6/1986	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	9/23/1987	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	11/22/1987	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	3/15/1989	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	5/26/1989	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	6/7/1989	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	2/18/1990	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	7/23/1990	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	11/10/1990	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	12/24/1990	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	3/16/1991	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	4/30/1991	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	12/19/1991	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	4/27/1992	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	12/9/1992	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	5/18/1993	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	8/2/1993	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	12/3/1993	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	3/3/1994	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	3/4/1994	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	3/29/1994	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	3/21/1995	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/1/1995	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	8/17/1996	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	3/18/1997	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	12/13/1998	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	5/30/1999	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	7/9/2000	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	6/14/2001	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	10/27/2001	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	4/25/2002	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	5/4/2006	62	62	1.62	108.31	4524	28.2203%	TSS	0.15	0.289	28.3	86.40889309	168.7308791
5439000	1/17/2007	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	12/28/2007	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	11/6/2008	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	8/8/2010	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	3/30/2011	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	4/4/2011	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	6/26/2011	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	6/27/2011	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	4/8/2014	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	4/18/2014	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	8/6/2014	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	3/20/2015	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	3/27/2015	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	6/11/2015	62	62	1.62	108.31	4524	28.2203%	TSS	--	0.289	28.3	#VALUE!	168.7308791
5439000	4/26/1980	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	6/28/1981	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	11/26/1982	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	3/6/1983	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	6/4/1987	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	11/9/1987	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	11/21/1987	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	3/26/1988	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/14/1989	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	6/3/1990	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	7/5/1990	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	3/3/1992	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	3/30/1992	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	4/29/1992	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	12/11/1992	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	12/28/1992	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	3/18/1993	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	5/23/1993	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	12/22/1993	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	12/25/1993	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	12/3/1994	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	1/22/1995	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	5/29/1997	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	2/25/1998	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	3/4/1999	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	4/7/2002	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	7/10/2003	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	4/24/2004	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	2/24/2005	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	11/2/2008	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	11/12/2008	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	11/18/2008	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	1/9/2010	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	3/30/2010	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	7/2/2010	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	11/16/2011	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	5/31/2012	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	4/10/2013	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	3/21/2015	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	4/17/2015	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/10/2015	61	61	1.62	106.69	4601	28.7006%	TSS	--	0.289	28.3	#VALUE!	166.2116527
5439000	3/19/1926	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	4/21/1926	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	4/25/1926	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	6/23/1926	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	6/11/1927	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	6/24/1927	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	12/28/1928	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	5/11/1929	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	5/19/1929	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	5/27/1929	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	6/27/1929	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	10/9/1980	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	3/2/1982	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	3/28/1982	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	6/16/1982	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	11/21/1982	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	12/5/1983	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	12/17/1983	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	5/6/1984	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	12/23/1984	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	12/17/1985	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	2/19/1986	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	6/7/1986	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	12/12/1986	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	4/18/1987	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	5/1/1987	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	9/24/1987	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	1/11/1988	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	3/25/1988	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	6/27/1990	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	8/13/1990	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/9/1992	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	2/22/1992	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	7/16/1992	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	1/29/1993	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	2/12/1993	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	10/12/1993	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	12/29/1993	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	3/26/1994	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	12/23/1994	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	1/8/1995	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	6/18/1995	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	5/18/1996	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	8/19/1996	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	4/18/1997	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	4/20/1997	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	5/24/1997	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	1/15/1998	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	3/7/1998	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	5/30/1998	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	5/31/1998	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	2/27/1999	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	3/1/1999	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	3/5/1999	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	3/25/1999	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	4/9/1999	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	4/4/2001	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	3/29/2002	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	6/2/2003	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	12/13/2003	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	2/23/2005	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	4/19/2006	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	12/8/2006	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/18/2008	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	2/13/2008	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	6/19/2008	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	3/31/2010	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	4/18/2010	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	1/5/2011	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	3/31/2011	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	9/26/2011	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	12/9/2011	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	12/28/2011	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	12/29/2011	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	1/21/2012	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	3/18/2012	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	3/19/2012	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	5/16/2012	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	1/29/2013	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	2/14/2013	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	5/12/2013	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	6/19/2013	60	60	1.62	105.07	4642	28.9564%	TSS	--	0.289	28.3	#VALUE!	163.6924263
5439000	10/4/1927	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	11/18/1927	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	12/5/1927	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	12/30/1927	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	5/20/1928	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	12/7/1928	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	3/9/1930	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	3/10/1930	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	6/26/1930	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	8/27/1980	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	7/1/1981	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	8/17/1981	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	8/29/1981	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/10/1983	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	4/12/1985	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	10/27/1985	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	7/19/1986	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	3/1/1987	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	6/17/1987	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	9/13/1987	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	4/24/1988	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	9/19/1989	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	4/3/1990	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	4/18/1990	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	4/24/1990	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	8/28/1990	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	2/23/1991	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	4/28/1992	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	6/5/1993	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	5/7/1995	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	3/30/1997	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	4/21/1997	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	5/16/1997	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	2/10/1998	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	7/3/1998	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	2/21/1999	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	3/4/2000	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	4/29/2000	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	6/9/2000	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	3/9/2001	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	4/2/2001	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	3/21/2002	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	6/21/2002	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	3/11/2005	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	5/20/2005	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/14/2006	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	5/14/2006	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	5/27/2006	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	6/13/2006	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	1/15/2007	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	5/10/2007	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	1/4/2008	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	1/5/2008	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	6/30/2009	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	11/14/2009	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	6/15/2010	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	12/31/2010	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	4/13/2011	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	7/28/2011	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	1/2/2012	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	1/26/2012	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	1/28/2013	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	3/30/2013	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	5/14/2013	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	7/11/2013	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	3/26/2014	59	59	1.62	103.46	4724	29.4679%	TSS	--	0.289	28.3	#VALUE!	161.1731999
5439000	12/29/1928	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	6/10/1931	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	12/5/1931	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	12/23/1931	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	4/8/1932	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	6/8/1932	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	1/21/1933	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	1/29/1933	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	3/25/1933	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	4/15/1933	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	4/16/1933	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/20/1933	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	6/1/1933	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	7/7/1933	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	12/31/1979	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	4/1/1980	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	4/27/1980	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	2/19/1981	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	6/5/1981	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	10/6/1981	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	2/28/1982	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	3/1/1982	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	1/8/1983	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	5/7/1984	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	1/5/1985	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	4/13/1985	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	10/20/1985	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	12/15/1985	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	3/25/1986	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	10/31/1986	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	9/28/1987	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	11/16/1987	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	2/14/1990	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	2/14/1991	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	3/28/1992	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	9/22/1993	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	11/4/1994	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	12/12/1994	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	2/22/1995	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	7/3/1996	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	4/6/1997	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	6/25/1998	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	6/28/1999	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/10/2001	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	3/5/2002	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	5/27/2003	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	3/3/2004	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	3/12/2004	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	4/29/2004	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	5/12/2006	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	1/9/2007	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	4/20/2007	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	5/9/2007	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	5/31/2007	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	7/15/2007	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	12/29/2007	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	11/3/2008	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	11/7/2008	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	1/10/2009	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	12/3/2009	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	1/10/2010	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	5/28/2010	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	4/1/2011	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	4/1/2013	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	6/6/2013	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	7/22/2015	58	58	1.62	101.84	4790	29.8796%	TSS	--	0.289	28.3	#VALUE!	158.6539735
5439000	10/20/1926	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	5/8/1929	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	6/29/1929	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	7/14/1929	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	10/27/1980	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	12/14/1980	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	4/21/1981	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	5/25/1981	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	6/7/1982	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/16/1982	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	11/18/1982	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	1/9/1983	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	3/5/1983	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	6/17/1983	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	7/18/1983	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	4/20/1984	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	6/19/1984	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	12/12/1985	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	4/25/1988	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	4/26/1988	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	4/27/1988	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	4/5/1990	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	4/10/1990	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	4/19/1990	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	1/11/1992	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	3/19/1993	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	5/19/1993	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	5/20/1993	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	7/9/1993	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	12/6/1993	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	1/27/1995	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	6/19/1995	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	8/23/1996	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	4/12/1997	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	5/17/1997	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	3/26/1999	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	4/3/2001	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	4/24/2001	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	2/28/2002	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	2/26/2004	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	2/25/2005	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/26/2007	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	6/1/2007	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	5/21/2008	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	7/17/2008	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	10/15/2008	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	12/9/2009	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	3/4/2010	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	4/19/2010	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	5/10/2010	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	4/15/2011	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	11/29/2011	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	2/8/2012	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	3/20/2012	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	5/13/2013	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	6/4/2013	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	10/17/2014	57	57	1.62	100.22	4856	30.2913%	TSS	--	0.289	28.3	#VALUE!	156.1347472
5439000	10/6/1927	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	10/17/1927	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	12/16/1927	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	1/14/1928	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	3/8/1928	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	3/26/1928	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	3/30/1928	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	4/23/1928	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	11/8/1928	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	12/8/1928	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	11/1/1929	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	3/11/1930	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	5/3/1930	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	4/28/1980	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	4/29/1980	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	6/11/1980	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/10/1980	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	3/29/1982	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	4/27/1982	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	8/2/1982	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	11/22/1982	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	12/6/1983	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	12/20/1984	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	4/14/1985	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	3/26/1986	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	12/14/1986	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	9/25/1987	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	11/24/1987	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	5/12/1991	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	12/20/1991	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	1/12/1992	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	1/20/1992	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	3/4/1992	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	1/19/1993	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	1/30/1993	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	5/24/1993	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	10/16/1993	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	12/4/1993	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	12/31/1993	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	11/22/1994	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	1/28/1995	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	3/22/1995	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	4/2/1995	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	2/11/1996	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	4/5/1997	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	2/22/1999	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	3/7/1999	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	5/9/2000	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/12/2000	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	2/4/2001	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	6/22/2002	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	5/28/2003	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	7/9/2003	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	6/25/2004	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	3/2/2005	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	5/20/2006	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	4/21/2007	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	5/29/2007	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	4/27/2008	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	10/12/2008	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	11/20/2008	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	1/11/2010	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	4/1/2010	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	4/3/2010	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	3/10/2014	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	3/27/2014	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	6/16/2014	56	56	1.62	98.61	4913	30.6469%	TSS	--	0.289	28.3	#VALUE!	153.6155208
5439000	12/30/1928	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	4/1/1931	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	5/11/1932	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	1/30/1933	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	3/20/1933	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	5/25/1933	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	6/5/1933	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	7/12/1933	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	10/28/1980	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	5/27/1981	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	10/24/1981	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	12/2/1981	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	8/5/1982	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/19/1982	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	3/11/1983	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	6/11/1983	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	11/27/1984	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	9/26/1987	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	10/5/1987	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	11/10/1987	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	2/17/1990	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	4/25/1990	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	6/28/1990	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	3/5/1992	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	10/6/1993	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	10/13/1993	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	2/17/1994	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	3/30/1994	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	7/4/1994	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	12/4/1994	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	12/5/1994	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	12/7/1994	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	12/18/1994	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	12/19/1994	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	12/20/1994	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	1/9/1995	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	1/29/1995	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	6/20/1995	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	7/6/1995	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	11/22/1995	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	3/19/1997	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	5/30/1997	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	2/4/1998	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	12/14/1998	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	2/23/1999	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/27/1999	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	5/17/2000	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	7/16/2000	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	2/19/2002	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	4/30/2004	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	3/4/2005	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	5/29/2006	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	9/13/2007	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	10/4/2008	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	10/7/2008	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	4/20/2010	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	4/14/2011	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	6/28/2011	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	12/10/2011	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	2/20/2013	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	7/19/2014	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	4/18/2015	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	4/19/2015	55	55	1.62	96.99	4980	31.0648%	TSS	--	0.289	28.3	#VALUE!	151.0962944
5439000	2/1/1926	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	3/8/1926	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	4/23/1926	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	4/24/1926	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	4/28/1926	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	7/5/1926	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	9/20/1926	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	10/19/1926	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	10/21/1926	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	12/15/1926	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	6/12/1927	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	3/15/1928	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	5/9/1929	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	5/28/1929	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/11/1929	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	5/4/1930	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	11/20/1931	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	12/6/1931	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	12/24/1931	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	1/11/1932	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	1/12/1932	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	3/10/1932	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	3/3/1981	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	1/11/1983	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	3/2/1984	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	4/10/1984	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	12/27/1984	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	4/15/1985	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	3/24/1986	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	6/8/1986	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	6/12/1986	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	6/5/1987	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	9/14/1987	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	9/16/1987	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	1/10/1988	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	7/23/1989	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	8/15/1989	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	9/5/1989	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	4/28/1990	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	6/4/1990	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	6/5/1990	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	6/8/1990	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	8/25/1990	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	12/25/1990	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	1/1/1991	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	2/15/1991	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/7/1991	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	5/1/1991	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	1/13/1992	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	3/18/1992	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	5/1/1992	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	12/12/1992	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	1/17/1993	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	5/21/1993	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	5/22/1993	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	10/25/1993	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	12/24/1993	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	1/30/1995	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	2/28/1995	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	6/28/1995	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	3/31/1997	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	2/5/1998	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	6/28/1998	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	7/11/1998	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	10/24/1998	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	3/15/1999	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	3/28/1999	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	8/8/2000	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	4/25/2001	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	6/22/2001	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	3/22/2002	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	4/26/2002	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	1/18/2005	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	4/4/2006	54	54	1.62	95.37	5043	31.4578%	TSS	0.18	0.289	28.3	92.02524282	148.577068
5439000	5/5/2006	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	6/29/2006	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	1/19/2007	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	8/17/2007	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/19/2008	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	7/23/2008	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	11/8/2008	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	1/11/2009	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	7/1/2009	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	12/16/2009	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	6/16/2010	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	7/3/2010	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	1/5/2012	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	1/17/2012	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	1/18/2012	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	2/9/2012	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	2/10/2012	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	3/27/2013	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	6/5/2013	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	6/20/2013	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	3/30/2014	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	4/1/2014	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	4/19/2014	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	5/18/2014	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	4/2/2015	54	54	1.62	95.37	5043	31.4578%	TSS	--	0.289	28.3	#VALUE!	148.577068
5439000	12/9/1927	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	7/27/1928	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	8/7/1928	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	11/9/1928	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	12/31/1928	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	1/10/1929	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	3/21/1980	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	6/15/1980	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	10/11/1980	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	12/15/1980	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	7/17/1982	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/6/1982	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	4/21/1984	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	5/8/1984	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	7/3/1985	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	6/18/1986	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	11/1/1986	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	8/1/1987	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	9/27/1987	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	10/3/1987	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	10/4/1987	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	11/12/1987	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	3/27/1988	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	12/21/1991	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	3/19/1992	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	4/30/1992	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	8/15/1993	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	12/5/1993	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	12/23/1993	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	6/23/1994	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	11/23/1994	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	11/24/1994	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	1/31/1995	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	3/23/1995	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	4/3/1995	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	5/19/1996	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	3/20/1997	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	3/21/1997	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	6/2/1998	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	3/11/1999	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	5/18/2000	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	6/10/2000	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	4/26/2001	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/16/2001	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	3/30/2002	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	6/23/2002	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	2/11/2005	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	3/3/2005	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	3/12/2005	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	6/14/2006	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	4/22/2007	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	6/8/2007	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	4/29/2008	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	10/5/2008	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	11/4/2008	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	2/21/2009	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	2/3/2010	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	4/2/2010	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	4/21/2010	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	5/29/2010	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	4/17/2011	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	1/6/2012	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	2/24/2012	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	5/17/2012	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	6/1/2012	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	3/29/2013	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	5/15/2013	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	3/31/2014	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	4/9/2014	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	8/5/2014	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	4/21/2015	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	7/23/2015	53	53	1.62	93.75	5142	32.0754%	TSS	--	0.289	28.3	#VALUE!	146.0578416
5439000	1/4/1930	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	3/12/1930	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	4/4/1930	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/5/1930	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	5/6/1930	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	5/7/1930	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	3/21/1931	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	4/9/1932	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	12/29/1932	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	1/31/1933	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	4/21/1933	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	6/2/1933	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	6/29/1933	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	6/14/1980	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	3/4/1981	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	6/6/1981	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	10/25/1981	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	12/3/1981	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	11/27/1982	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	1/13/1983	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	7/19/1983	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	12/18/1983	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	4/11/1984	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	7/2/1985	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	2/9/1986	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	3/28/1986	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	10/9/1986	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	9/15/1987	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	11/1/1987	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	11/11/1987	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	2/21/1988	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	6/8/1989	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	9/20/1989	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	4/26/1990	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	6/6/1990	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/6/1990	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	11/11/1990	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	12/28/1990	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	2/18/1991	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	5/13/1991	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	5/14/1991	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	6/16/1991	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	3/22/1992	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	2/9/1993	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	7/10/1993	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	9/23/1993	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	12/30/1993	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	3/31/1994	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	12/21/1994	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	12/22/1994	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	6/21/1995	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	7/4/1996	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	8/20/1996	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	3/22/1997	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	2/7/1998	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	6/1/1998	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	10/28/1998	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	12/15/1998	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	3/5/2000	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	5/1/2000	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	6/21/2001	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	3/4/2002	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	6/3/2003	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	3/5/2005	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	5/24/2006	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	1/11/2007	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	5/11/2007	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/29/2007	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	12/12/2007	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	5/2/2008	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	6/20/2008	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	10/13/2008	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	10/14/2008	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	12/4/2009	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	4/24/2010	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	4/26/2010	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	7/28/2010	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	4/2/2011	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	11/17/2011	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	12/11/2011	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	4/17/2012	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	3/25/2013	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	7/12/2013	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	5/22/2014	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	3/22/2015	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	3/25/2015	52	52	1.62	92.14	5214	32.5245%	TSS	--	0.289	28.3	#VALUE!	143.5386152
5439000	3/20/1926	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	10/22/1926	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	5/10/1929	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	5/20/1929	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	7/4/1929	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	7/26/1929	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	7/4/1931	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	12/2/1931	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	12/4/1931	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	2/18/1932	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	2/19/1932	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	6/12/1980	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	10/29/1980	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/26/1981	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	7/2/1981	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	6/12/1983	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	5/9/1984	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	3/29/1986	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	6/10/1986	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	6/30/1986	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	12/7/1986	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	12/15/1986	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	4/19/1987	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	5/3/1987	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	10/6/1987	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	11/13/1987	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	2/19/1990	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	4/27/1990	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	11/19/1991	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	3/31/1992	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	1/18/1993	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	3/2/1993	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	12/9/1994	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	12/10/1994	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	12/17/1994	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	6/29/1995	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	3/24/1997	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	4/7/1997	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	1/16/1998	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	6/26/1998	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	10/29/1998	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	11/17/1998	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	2/24/1999	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	6/29/1999	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	4/30/2000	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/19/2000	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	8/1/2000	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	2/8/2001	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	3/23/2002	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	4/2/2002	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	4/30/2003	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	5/1/2004	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	5/10/2004	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	12/8/2004	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	2/12/2005	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	2/26/2005	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	2/27/2005	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	3/6/2005	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	1/16/2007	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	4/23/2007	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	2/22/2009	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	11/15/2009	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	1/12/2010	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	8/9/2010	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	4/3/2011	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	3/21/2012	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	4/10/2014	51	51	1.62	90.52	5300	33.0609%	TSS	--	0.289	28.3	#VALUE!	141.0193889
5439000	10/3/1927	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	10/18/1927	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	11/19/1927	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	12/6/1927	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	12/14/1927	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	12/15/1927	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	2/7/1928	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	2/8/1928	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	2/9/1928	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	2/22/1928	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/10/1928	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	4/24/1928	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	6/21/1928	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	1/27/1929	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	2/24/1980	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	4/30/1980	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	6/13/1980	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	12/16/1980	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	3/5/1981	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	10/7/1981	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	10/17/1981	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	4/28/1982	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	6/8/1982	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	11/4/1982	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	11/5/1982	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	3/12/1983	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	3/13/1983	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	12/21/1983	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	1/6/1985	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	2/21/1985	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	3/27/1986	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	11/27/1986	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	12/13/1986	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	1/4/1988	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	1/9/1988	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	3/3/1988	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	1/29/1989	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	6/7/1990	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	12/26/1990	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	2/17/1991	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	5/2/1991	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	12/22/1991	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/21/1992	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	5/2/1992	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	12/13/1992	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	3/20/1993	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	8/3/1993	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	9/4/1993	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	10/7/1993	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	10/14/1993	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	11/25/1994	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	12/6/1994	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	1/10/1995	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	1/11/1995	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	2/1/1995	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	2/6/1995	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	11/23/1995	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	1/4/1997	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	1/7/1997	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	3/23/1997	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	4/1/1997	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	5/31/1997	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	12/16/1998	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	2/25/1999	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	3/8/1999	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	4/27/2001	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	11/25/2001	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	3/1/2002	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	3/14/2004	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	6/26/2004	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	1/12/2007	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	1/18/2007	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	9/14/2007	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	1/20/2008	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/16/2008	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	11/5/2008	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	1/19/2009	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	2/6/2009	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	3/3/2010	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	1/19/2012	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	1/20/2012	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	2/11/2012	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	2/12/2012	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	3/22/2012	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	3/23/2012	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	3/24/2012	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	5/18/2012	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	1/11/2013	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	6/7/2013	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	8/30/2013	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	6/17/2014	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	7/20/2014	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	9/11/2014	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	3/23/2015	50	50	1.62	88.90	5367	33.4789%	TSS	--	0.289	28.3	#VALUE!	138.5001625
5439000	11/2/1929	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	11/12/1929	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	1/1/1930	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	1/5/1930	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	3/13/1930	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	3/20/1930	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	4/5/1930	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	7/11/1930	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	4/10/1932	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	2/4/1933	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	2/27/1933	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	3/19/1933	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/24/1933	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	7/8/1933	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	10/30/1980	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	7/20/1983	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	3/3/1984	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	10/28/1984	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	11/5/1984	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	4/16/1985	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	7/5/1985	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	6/6/1987	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	6/12/1989	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	9/21/1989	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	4/6/1990	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	7/19/1990	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	1/26/1992	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	4/3/1992	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	7/17/1992	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	9/12/1992	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	6/6/1993	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	8/16/1993	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	4/1/1994	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	10/31/1994	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	12/11/1994	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	2/23/1995	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	4/22/1997	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	2/3/1998	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	2/6/1998	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	3/6/1999	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	3/29/1999	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	4/15/1999	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	7/1/1999	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	6/17/2001	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/18/2001	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	3/24/2002	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	6/24/2002	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	2/27/2004	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	4/20/2006	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	5/21/2006	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	5/30/2007	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	12/30/2007	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	4/30/2008	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	5/22/2008	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	2/25/2009	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	7/2/2009	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	8/26/2009	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	12/17/2009	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	4/22/2010	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	6/12/2010	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	8/24/2011	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	12/12/2011	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	1/27/2012	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	1/28/2012	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	3/28/2013	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	8/31/2013	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	11/6/2013	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	4/20/2014	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	4/29/2014	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	10/3/2014	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	3/28/2015	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	4/3/2015	49	49	1.62	87.29	5461	34.0652%	TSS	--	0.289	28.3	#VALUE!	135.9809361
5439000	1/19/1926	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	4/22/1926	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	4/26/1926	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	4/27/1926	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/24/1926	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	8/23/1926	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	10/24/1926	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	1/30/1927	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	3/2/1927	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	5/29/1929	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	7/11/1929	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	12/3/1931	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	12/7/1931	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	12/25/1931	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	12/31/1931	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	2/1/1932	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	3/11/1932	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	3/12/1932	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	8/28/1980	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	8/31/1980	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	10/14/1980	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	10/31/1980	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	6/7/1981	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	6/9/1981	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	6/18/1983	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	12/7/1983	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	11/10/1984	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	6/18/1987	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	1/13/1989	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	1/30/1989	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	3/7/1989	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	1/28/1990	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	4/9/1990	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	7/24/1990	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	2/16/1991	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	5/15/1991	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/18/1991	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	1/25/1992	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	1/27/1992	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	5/4/1992	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	12/14/1992	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	12/8/1994	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	6/22/1995	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	8/22/1996	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	7/17/2000	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	11/13/2000	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	4/9/2004	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	3/28/2005	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	1/10/2007	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	5/1/2008	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	10/6/2008	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	7/4/2009	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	7/11/2009	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	5/30/2010	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	6/2/2010	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	7/4/2010	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	6/29/2011	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	9/28/2011	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	11/18/2011	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	11/30/2011	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	1/7/2012	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	3/28/2012	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	4/13/2014	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	4/21/2014	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	4/28/2014	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	3/24/2015	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	7/24/2015	48	48	1.62	85.67	5533	34.5144%	TSS	--	0.289	28.3	#VALUE!	133.4617097
5439000	10/19/1927	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/10/1927	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	1/23/1928	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	7/1/1928	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	7/11/1928	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	12/9/1928	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	1/3/1929	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	1/12/1929	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	2/29/1980	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	10/12/1980	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	10/13/1980	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	5/28/1981	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	12/4/1981	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	4/29/1982	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	6/17/1982	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	7/18/1982	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	3/14/1983	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	6/13/1983	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	12/20/1983	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	6/20/1984	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	11/29/1984	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	4/18/1985	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	6/14/1986	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	6/19/1986	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	7/20/1986	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	11/28/1986	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	12/16/1986	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	1/8/1988	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	3/12/1988	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	4/28/1988	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	8/16/1989	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	1/4/1990	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	2/21/1990	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/13/1990	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	7/7/1990	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	6/17/1991	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	11/20/1991	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	12/23/1991	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	1/14/1992	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	1/15/1992	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	1/22/1992	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	2/15/1992	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	3/20/1992	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	3/21/1992	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	3/23/1992	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	12/15/1992	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	2/10/1993	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	3/2/1995	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	4/4/1995	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	6/23/1995	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	2/12/1996	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	4/2/1997	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	6/1/1997	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	6/3/1998	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	6/27/1998	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	10/25/1998	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	11/18/1998	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	11/19/1998	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	12/17/1998	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	3/9/1999	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	4/28/2001	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	3/2/2002	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	3/6/2002	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	3/25/2002	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	3/26/2002	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/27/2002	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	3/28/2002	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	4/1/2002	47	47	1.62	84.05	5600	34.9323%	TSS	0.02	0.289	28.3	9.061763553	130.9424833
5439000	7/12/2003	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	3/13/2004	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	12/7/2004	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	5/6/2006	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	5/11/2006	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	6/15/2006	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	1/20/2009	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	12/5/2009	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	12/13/2009	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	1/13/2010	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	2/4/2010	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	7/8/2010	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	6/30/2011	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	11/19/2011	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	12/13/2011	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	1/10/2012	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	2/13/2012	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	2/26/2012	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	5/19/2012	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	10/18/2012	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	5/16/2013	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	7/13/2013	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	2/22/2014	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	5/1/2014	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	5/19/2014	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	4/22/2015	47	47	1.62	84.05	5600	34.9323%	TSS	--	0.289	28.3	#VALUE!	130.9424833
5439000	11/13/1929	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	11/14/1929	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	11/15/1929	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/6/1930	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	3/18/1930	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	3/19/1930	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	5/8/1930	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	9/27/1930	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	4/11/1932	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	5/12/1932	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	2/22/1933	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	3/21/1933	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	4/22/1933	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	5/1/1933	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	1/1/1980	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	5/1/1980	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	3/6/1981	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	6/8/1981	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	8/3/1982	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	3/4/1984	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	5/10/1984	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	7/21/1986	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	9/29/1986	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	12/2/1986	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	4/20/1987	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	6/7/1987	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	11/14/1987	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	6/9/1989	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	9/22/1989	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	4/7/1990	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	4/11/1990	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	4/29/1990	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	6/9/1990	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	11/12/1990	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	12/24/1991	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/24/1992	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	1/28/1992	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	4/1/1992	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	5/5/1992	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	5/25/1993	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	5/28/1993	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	7/11/1993	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	8/6/1993	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	10/26/1993	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	10/28/1993	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	12/7/1993	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	4/2/1994	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	7/5/1994	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	7/6/1994	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	12/13/1994	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	3/24/1995	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	6/26/1995	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	11/1/1995	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	7/5/1996	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	8/21/1996	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	1/9/1997	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	4/3/1997	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	4/23/1997	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	2/26/1999	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	3/12/1999	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	3/14/1999	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	3/30/1999	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	3/31/1999	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	6/30/1999	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	3/6/2000	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	10/5/2000	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	5/11/2001	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/27/2001	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	10/28/2001	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	3/7/2002	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	3/31/2002	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	6/25/2002	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	6/26/2002	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	7/8/2003	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	6/27/2004	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	7/4/2004	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	1/19/2005	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	5/30/2006	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	4/24/2007	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	7/16/2007	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	8/18/2007	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	5/7/2008	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	6/21/2008	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	11/24/2008	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	1/12/2009	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	7/3/2009	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	7/5/2009	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	11/16/2009	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	11/17/2009	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	12/14/2009	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	2/5/2010	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	4/23/2010	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	2/16/2012	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	2/25/2012	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	4/18/2012	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	6/2/2012	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	4/8/2013	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	6/12/2013	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	4/30/2014	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/28/2014	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	11/24/2014	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	4/24/2015	46	46	1.62	82.43	5694	35.5187%	TSS	--	0.289	28.3	#VALUE!	128.423257
5439000	7/3/1926	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	9/21/1926	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	10/23/1926	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	2/15/1927	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	2/21/1927	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	2/27/1927	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	6/13/1927	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	6/25/1927	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	3/25/1928	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	5/21/1929	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	7/15/1929	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	11/26/1979	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	11/28/1979	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	12/24/1979	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	3/31/1980	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	8/5/1980	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	10/15/1980	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	2/17/1981	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	7/3/1981	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	10/3/1981	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	10/4/1981	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	10/26/1981	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	12/1/1981	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	4/30/1982	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	12/19/1983	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	12/22/1983	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	3/5/1984	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	5/11/1984	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	12/4/1984	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/24/1984	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	12/26/1984	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	1/7/1985	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	4/17/1985	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	10/28/1985	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	12/18/1985	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	1/23/1986	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	3/30/1986	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	6/9/1986	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	10/10/1986	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	10/12/1986	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	11/2/1986	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	12/3/1986	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	12/17/1986	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	3/9/1988	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	5/9/1988	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	3/16/1989	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	5/29/1989	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	7/28/1989	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	1/29/1990	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	4/8/1990	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	8/18/1990	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	10/18/1990	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	12/27/1990	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	2/3/1991	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	5/3/1991	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	1/23/1992	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	1/30/1992	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	4/2/1992	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	4/12/1992	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	5/3/1992	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	2/13/1993	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/21/1993	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	10/8/1993	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	10/15/1993	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	1/1/1994	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	7/7/1994	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	11/26/1994	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	1/12/1995	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	2/2/1995	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	2/7/1995	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	6/24/1995	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	6/27/1995	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	4/4/1997	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	4/8/1997	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	6/13/1997	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	6/27/1997	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	8/17/1997	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	1/17/1998	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	6/4/1998	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	6/5/1998	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	7/12/1998	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	10/30/1998	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	12/18/1998	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	3/13/1999	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	4/1/1999	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	5/2/2000	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	2/5/2001	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	4/29/2001	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	5/7/2001	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	4/3/2002	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	2/28/2004	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	3/27/2005	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	3/29/2005	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/26/2006	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	12/7/2006	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	1/21/2008	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	5/3/2008	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	11/21/2008	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	11/18/2009	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	12/11/2009	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	5/31/2010	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	7/13/2010	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	7/29/2010	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	8/10/2010	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	2/16/2011	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	4/5/2011	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	2/14/2012	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	2/15/2013	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	6/8/2013	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	10/18/2014	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	3/29/2015	45	45	1.62	80.82	5796	36.1549%	TSS	--	0.289	28.3	#VALUE!	125.9040306
5439000	11/20/1927	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	12/13/1927	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	2/10/1928	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	11/10/1928	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	12/10/1928	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	1/22/1929	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	1/28/1929	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	4/6/1930	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	1/28/1931	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	3/22/1931	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	3/16/1932	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	11/1/1980	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	12/17/1980	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	2/20/1982	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/3/1982	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	6/9/1982	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	8/7/1982	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	10/9/1982	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	1/12/1983	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	1/14/1983	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	6/19/1983	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	12/8/1983	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	2/24/1986	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	6/13/1986	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	7/1/1986	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	11/3/1986	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	5/4/1987	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	10/7/1987	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	1/7/1988	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	3/4/1988	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	4/29/1988	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	5/24/1988	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	3/30/1989	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	5/30/1989	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	1/26/1990	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	1/27/1990	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	1/31/1990	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	2/20/1990	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	8/3/1990	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	8/6/1990	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	8/26/1990	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	1/29/1992	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	6/4/1993	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	8/20/1994	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	1/13/1995	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	3/3/1995	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/6/1996	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	2/19/1997	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	6/2/1997	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	1/21/1999	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	4/4/1999	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	4/11/1999	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	9/30/1999	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	10/4/2000	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	5/1/2001	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	3/3/2002	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	4/10/2004	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	5/2/2004	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	12/9/2004	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	3/30/2005	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	4/5/2006	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	5/7/2006	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	1/14/2007	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	2/28/2007	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	5/12/2007	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	5/13/2007	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	6/20/2007	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	2/23/2008	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	7/18/2008	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	11/9/2008	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	12/6/2009	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	12/18/2009	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	1/14/2010	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	4/27/2010	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	6/17/2010	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	7/1/2011	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	11/26/2011	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	1/11/2012	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/16/2012	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	1/29/2012	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	2/15/2012	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	3/25/2012	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	3/27/2012	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	3/30/2012	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	4/19/2012	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	4/30/2012	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	5/4/2012	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	4/2/2013	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	4/9/2013	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	5/22/2013	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	6/11/2013	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	7/21/2014	44	44	1.62	79.20	5907	36.8474%	TSS	--	0.289	28.3	#VALUE!	123.3848042
5439000	4/2/1931	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	6/6/1931	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	6/11/1931	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	6/27/1931	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	12/26/1931	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	12/27/1931	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	12/28/1931	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	12/30/1932	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	2/28/1933	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	4/30/1933	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	6/3/1933	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	6/4/1933	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	7/13/1933	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/2/1980	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	12/7/1980	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	12/18/1980	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	7/4/1981	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	10/5/1981	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/8/1981	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/5/1982	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	6/18/1982	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	3/19/1984	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/13/1984	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	10/11/1986	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	11/29/1986	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	4/21/1987	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	11/15/1987	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	1/5/1988	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	3/8/1988	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	4/30/1988	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/1/1988	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/8/1988	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	3/8/1989	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	3/9/1989	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	3/17/1989	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/27/1989	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	4/12/1990	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	4/30/1990	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	7/8/1990	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	11/13/1990	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	1/2/1991	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	2/24/1991	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	3/8/1991	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/4/1991	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	4/4/1992	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/9/1992	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/26/1993	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/27/1993	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/30/1993	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	7/12/1993	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/27/1993	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	10/29/1993	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	12/14/1994	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	12/16/1994	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	2/24/1995	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	3/26/1995	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	4/6/1995	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	6/25/1995	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	8/17/1995	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	11/24/1995	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	11/25/1995	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	11/27/1995	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	8/24/1996	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	1/8/1997	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	4/24/1997	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	2/2/1998	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	6/6/1998	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	6/29/1998	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	4/10/1999	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	3/7/2000	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/20/2000	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/22/2000	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	8/6/2000	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	4/30/2001	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	6/4/2003	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	6/28/2004	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	7/3/2004	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	3/13/2005	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	3/31/2005	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	4/21/2006	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/22/2006	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/31/2006	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/16/2006	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	6/30/2006	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/23/2008	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	10/17/2008	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	12/1/2011	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	1/9/2012	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/20/2012	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/21/2012	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	5/17/2013	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	4/2/2014	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	3/31/2015	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	4/4/2015	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	4/23/2015	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	7/25/2015	43	43	1.62	77.58	5999	37.4212%	TSS	--	0.289	28.3	#VALUE!	120.8655778
5439000	3/24/1926	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	10/25/1926	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	11/9/1926	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	11/13/1926	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	12/25/1926	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	2/25/1927	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	2/26/1927	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	6/14/1927	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	1/13/1929	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	7/5/1929	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	10/31/1929	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	11/3/1929	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	11/16/1929	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	3/14/1930	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	3/15/1930	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	3/16/1930	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	3/17/1930	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	3/23/1930	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/24/1930	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	4/7/1930	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	5/9/1930	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	2/20/1932	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	3/11/1980	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	6/28/1980	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	6/10/1981	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	10/27/1981	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	5/1/1982	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	7/19/1982	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	8/4/1982	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	8/8/1982	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	1/16/1983	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	11/20/1983	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	6/21/1984	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	4/19/1985	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	7/4/1985	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	12/18/1986	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	5/5/1987	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	6/8/1987	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	6/19/1987	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	1/6/1988	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	3/7/1988	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	3/13/1988	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	5/2/1988	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	3/29/1989	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	7/11/1989	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	6/10/1990	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	8/14/1990	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	11/21/1991	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	5/8/1992	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	11/26/1993	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/8/1993	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	12/15/1994	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	2/8/1995	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	3/25/1995	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	4/5/1995	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	6/30/1995	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	7/7/1995	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	1/24/1997	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	4/11/1997	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	4/30/1997	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	1/18/1998	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	10/26/1998	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	10/27/1998	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	4/2/1999	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	3/8/2000	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	3/9/2000	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	6/19/2001	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	7/11/2003	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	5/4/2004	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	1/13/2007	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	9/15/2007	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	2/16/2008	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	6/22/2008	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	10/20/2008	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	11/22/2008	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	11/23/2008	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	1/13/2009	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	7/8/2009	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	11/24/2009	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	12/7/2009	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	12/12/2009	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	12/15/2009	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/15/2010	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	2/6/2010	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	5/1/2010	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	7/5/2010	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	7/31/2010	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	4/6/2011	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	7/25/2011	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	1/8/2012	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	1/12/2012	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	1/15/2012	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	4/1/2012	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	4/20/2012	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	3/26/2013	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	5/21/2013	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	7/14/2013	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	5/2/2014	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	4/5/2015	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	4/8/2015	42	42	1.62	75.97	6095	38.0201%	TSS	--	0.289	28.3	#VALUE!	118.3463514
5439000	3/18/1926	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	10/20/1927	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	11/21/1927	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	12/11/1927	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	1/16/1928	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	1/24/1928	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	2/11/1928	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	2/13/1928	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	3/16/1928	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	4/25/1928	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	5/21/1928	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	7/2/1928	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	7/28/1928	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	1/4/1929	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/22/1929	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	5/13/1932	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	6/15/1932	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	2/5/1933	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	4/23/1933	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	4/24/1933	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	6/6/1933	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	7/15/1933	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	2/26/1980	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	5/3/1980	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	11/3/1980	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	1/17/1983	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	7/23/1983	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	6/22/1984	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	10/19/1984	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	11/9/1984	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	4/23/1985	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	6/22/1986	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	7/2/1986	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	2/5/1987	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	3/2/1987	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	5/6/1987	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	6/20/1987	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	3/6/1988	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	3/10/1988	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	3/11/1988	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	3/24/1988	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	5/3/1988	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	1/31/1989	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	1/19/1990	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	7/25/1990	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	7/29/1990	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/11/1990	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	11/14/1990	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	11/15/1990	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	3/1/1991	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	12/25/1991	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	1/31/1992	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	2/1/1992	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	5/6/1992	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	7/13/1993	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	8/27/1993	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	9/24/1993	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	12/15/1993	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	11/26/1995	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	7/7/1996	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	6/3/1997	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	6/30/1998	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	11/20/1998	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	4/3/1999	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	5/2/2001	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	5/4/2001	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	2/16/2002	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	4/5/2002	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	4/6/2002	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	6/27/2002	41	41	1.62	74.35	6195	38.6439%	TSS	0.13	0.289	28.3	52.10216697	115.827125
5439000	8/23/2002	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	4/11/2004	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	4/20/2004	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	3/26/2005	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	3/15/2006	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	6/9/2007	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	7/4/2007	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	2/14/2008	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/24/2008	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	11/19/2009	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	12/8/2009	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	3/2/2010	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	4/30/2010	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	6/1/2010	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	7/7/2010	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	7/2/2011	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	11/20/2011	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	1/13/2012	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	1/30/2012	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	2/23/2012	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	3/26/2012	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	5/22/2012	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	5/23/2013	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	6/9/2013	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	10/31/2013	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	5/23/2014	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	3/30/2015	41	41	1.62	74.35	6195	38.6439%	TSS	--	0.289	28.3	#VALUE!	115.827125
5439000	3/21/1926	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	10/26/1926	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	11/17/1929	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/7/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/8/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/9/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/10/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/11/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/12/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/13/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/14/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/15/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/16/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/17/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/18/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/19/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/20/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/21/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/22/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/23/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/24/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/25/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/26/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/27/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/28/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/29/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/30/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/31/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/1/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/2/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/3/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/4/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/5/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/6/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/7/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/8/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/9/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/10/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/11/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/12/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/13/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/14/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/15/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/16/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/17/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/18/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/19/1930	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	12/9/1931	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/21/1932	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	3/13/1932	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	6/16/1980	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	7/16/1980	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	11/2/1980	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	12/19/1980	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	10/9/1981	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	12/7/1981	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	5/2/1982	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	6/10/1982	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	7/21/1982	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	3/15/1983	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	6/20/1983	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	7/21/1983	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	7/22/1983	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	11/21/1983	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	12/9/1983	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	12/23/1983	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	5/12/1984	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	11/6/1984	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	11/30/1984	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	12/25/1984	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/8/1985	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/14/1985	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	4/20/1985	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	5/15/1985	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	10/21/1985	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	10/29/1985	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	3/31/1986	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/16/1986	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	11/30/1986	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/2/1987	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	10/8/1987	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	10/9/1987	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	3/5/1988	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	3/15/1988	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	5/12/1988	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	5/15/1988	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/10/1989	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	5/28/1989	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	6/12/1990	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	7/9/1990	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	5/12/1992	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	5/31/1993	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	12/16/1993	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	12/17/1993	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/2/1994	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	4/3/1994	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	4/12/1994	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/3/1995	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/9/1995	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/26/1995	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	3/1/1995	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	4/15/1996	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	4/25/1997	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	6/16/1997	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	6/7/1998	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	12/19/1998	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	4/6/1999	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	7/2/1999	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	5/3/2000	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/28/2001	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	11/26/2001	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	4/4/2002	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	4/12/2005	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	5/19/2005	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	4/3/2006	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	5/8/2006	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	5/23/2006	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	6/17/2006	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	6/23/2007	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	7/30/2007	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	12/31/2007	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/3/2008	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/22/2008	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	2/12/2008	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	5/24/2008	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	5/25/2008	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	10/18/2008	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	11/11/2008	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	8/31/2009	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	4/28/2010	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	4/29/2010	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	5/2/2010	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	1/14/2012	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	4/29/2012	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	5/23/2012	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	5/24/2012	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	5/20/2013	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	6/10/2013	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	4/22/2014	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	8/22/2014	40	40	1.62	72.73	6292	39.2490%	TSS	--	0.289	28.3	#VALUE!	113.3078987
5439000	12/24/1926	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/6/1929	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	11/18/1929	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	3/21/1930	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	3/22/1930	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	5/11/1930	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	11/30/1930	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	1/27/1931	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	3/20/1931	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	3/23/1931	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	1/2/1980	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	5/4/1980	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	8/29/1980	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	11/4/1980	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	12/21/1980	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	12/5/1981	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	12/6/1981	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	6/19/1982	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	6/25/1982	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	7/20/1982	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	11/6/1982	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	1/15/1983	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	1/18/1983	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	3/6/1984	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	3/15/1984	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	3/17/1984	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	5/19/1984	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	11/11/1984	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	12/3/1984	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	1/15/1985	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	4/21/1985	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	4/24/1985	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	12/20/1985	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/20/1986	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	7/22/1986	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	11/4/1986	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	12/1/1986	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	12/4/1986	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	5/7/1987	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	3/14/1988	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	5/4/1988	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	11/17/1988	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	3/31/1989	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	6/10/1989	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	6/13/1989	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	8/17/1989	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	5/1/1990	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	6/11/1990	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	6/13/1990	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	8/27/1990	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	11/16/1990	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	3/9/1991	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	6/18/1991	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	12/26/1991	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	1/8/1992	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	2/9/1992	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	4/5/1992	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	4/10/1992	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	5/7/1992	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	7/31/1992	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	2/19/1993	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	8/4/1993	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	11/13/1993	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	6/16/1994	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	11/4/1995	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/13/1996	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	8/25/1996	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	4/10/1997	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	1/3/1998	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	7/13/1998	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	4/8/1999	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	5/21/2000	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	7/18/2000	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	11/14/2000	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	2/6/2001	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	5/31/2001	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	6/23/2001	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	3/20/2004	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	5/3/2004	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	6/29/2004	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	3/14/2005	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	3/25/2005	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	4/22/2006	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	6/18/2006	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	5/14/2007	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	2/11/2008	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	2/24/2008	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	10/23/2008	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	11/25/2008	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	7/6/2009	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	6/3/2010	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	7/6/2010	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	4/7/2011	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	11/22/2011	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	12/2/2011	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	2/17/2012	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	3/29/2012	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/31/2012	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	4/28/2012	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	5/18/2013	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	4/11/2014	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	7/22/2014	39	39	1.62	71.12	6432	40.1223%	TSS	--	0.289	28.3	#VALUE!	110.7886723
5439000	3/22/1926	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	3/23/1926	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	6/25/1926	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	7/6/1926	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	8/24/1926	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	10/27/1926	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	11/10/1926	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	12/16/1926	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	3/1/1927	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	3/3/1927	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	11/22/1927	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	12/12/1927	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	12/17/1927	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	2/12/1928	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	2/23/1928	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	11/11/1928	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	12/11/1928	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	12/12/1928	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	1/14/1929	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	1/29/1929	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	5/30/1929	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	4/3/1931	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	11/19/1931	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	4/12/1932	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	2/21/1933	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	3/1/1933	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	3/14/1933	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/23/1933	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	4/25/1933	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	3/7/1981	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	7/5/1981	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	12/8/1981	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	5/3/1982	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	5/6/1982	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	3/16/1983	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	5/20/1984	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	1/16/1985	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	4/22/1985	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	7/31/1985	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	10/31/1985	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	4/1/1986	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	7/7/1986	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	12/19/1986	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	5/11/1987	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	6/21/1987	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	3/16/1988	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	5/5/1988	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	5/10/1988	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	3/28/1989	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	7/24/1989	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	7/11/1990	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	11/1/1991	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	12/29/1991	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	4/6/1992	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	4/14/1992	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	9/22/1992	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	7/14/1993	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	9/5/1993	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	10/30/1993	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/9/1993	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	12/10/1993	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	12/14/1993	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	4/4/1994	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	2/4/1995	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	3/10/1995	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	4/7/1995	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	4/9/1997	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	4/26/1997	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	4/27/1997	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	4/28/1997	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	6/4/1997	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	6/8/1998	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	10/31/1998	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	5/4/2000	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	5/3/2001	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	6/20/2001	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	10/13/2001	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	12/14/2001	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	2/12/2002	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	2/15/2002	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	2/17/2002	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	11/18/2003	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	2/29/2004	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	3/15/2004	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	5/5/2004	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	1/12/2005	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	4/2/2005	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	5/21/2005	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	1/29/2006	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	4/6/2006	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	5/9/2006	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/1/2006	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	7/3/2006	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	6/24/2007	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	6/27/2007	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	12/22/2007	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	1/2/2008	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	1/17/2009	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	7/10/2009	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	11/20/2009	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	12/19/2009	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	1/16/2010	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	6/5/2010	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	7/3/2011	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	7/29/2011	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	11/23/2011	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	4/2/2012	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	6/3/2012	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	5/19/2013	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	8/7/2014	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	7/26/2015	38	38	1.62	69.50	6534	40.7585%	TSS	--	0.289	28.3	#VALUE!	108.2694459
5439000	2/22/1927	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	6/15/1927	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	4/26/1928	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	8/8/1928	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	11/4/1928	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	11/12/1928	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	1/1/1929	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	2/2/1932	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	11/29/1979	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	3/22/1980	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	5/28/1980	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	12/20/1980	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/28/1981	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	11/5/1981	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	5/4/1982	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	10/20/1982	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	11/22/1983	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	6/23/1984	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	1/17/1985	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	1/24/1986	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	2/10/1986	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	2/25/1986	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	3/2/1986	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	4/30/1986	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	10/13/1986	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	11/5/1986	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	12/5/1986	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	3/19/1988	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	3/23/1988	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	5/23/1988	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	9/23/1989	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	9/25/1989	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	5/2/1990	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	5/3/1990	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	8/17/1990	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	10/19/1990	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	1/3/1991	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	1/5/1991	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	2/16/1992	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	4/13/1992	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	2/14/1993	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	5/29/1993	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	10/31/1993	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	4/5/1994	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/13/1994	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	6/20/1994	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	2/10/1995	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	2/25/1995	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	4/8/1995	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	7/8/1995	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	11/28/1995	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	1/19/1996	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	7/8/1996	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	8/26/1996	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	6/28/1997	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	11/21/1998	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	11/22/1998	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	7/3/1999	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	5/23/2000	37	37	1.62	67.88	6645	41.4509%	TSS	0.14	0.289	28.3	51.22848004	105.7502195
5439000	5/8/2001	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	10/14/2001	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	11/27/2001	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	12/13/2001	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	2/11/2002	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	2/14/2002	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	12/14/2003	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	3/16/2004	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	3/17/2004	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	4/3/2005	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	4/16/2006	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	7/1/2006	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	1/21/2007	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	5/15/2007	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	6/10/2007	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	9/16/2007	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	6/23/2008	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/10/2008	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	11/10/2008	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	7/12/2009	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	2/7/2010	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	8/11/2010	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	11/21/2011	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	2/18/2012	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	2/21/2012	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	5/6/2012	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	2/21/2013	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	7/15/2013	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	9/12/2014	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	4/6/2015	37	37	1.62	67.88	6645	41.4509%	TSS	--	0.289	28.3	#VALUE!	105.7502195
5439000	3/25/1926	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	12/17/1926	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	2/28/1927	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	3/5/1927	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	6/26/1927	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	10/5/1927	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	11/23/1927	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	1/17/1928	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	7/12/1928	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	11/5/1928	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	11/7/1928	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	5/31/1929	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	7/16/1929	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	10/26/1929	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	11/4/1929	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	11/19/1929	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	3/27/1930	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	4/8/1930	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	4/15/1930	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/10/1930	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	10/10/1930	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	3/24/1931	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	4/4/1931	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	6/12/1931	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	12/29/1931	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	12/30/1931	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	2/22/1932	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	4/13/1932	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	4/25/1932	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	4/26/1932	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	5/5/1932	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	6/9/1932	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	6/16/1932	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	3/2/1933	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	3/22/1933	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	5/5/1980	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	6/17/1980	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	7/22/1980	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	8/30/1980	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	2/20/1981	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	3/8/1981	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	10/10/1981	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	11/6/1981	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	11/26/1981	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	11/27/1981	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	6/12/1982	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	3/17/1983	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	6/21/1983	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	12/10/1983	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	3/9/1984	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	3/10/1984	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/18/1984	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	5/14/1984	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	12/2/1984	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	1/9/1985	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	1/18/1985	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	8/13/1985	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	10/30/1985	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	12/6/1986	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	1/10/1987	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	5/8/1987	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	5/6/1988	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	5/7/1988	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	1/14/1989	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	6/14/1989	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	7/27/1989	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	9/24/1989	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	1/16/1990	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	1/30/1990	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	7/10/1990	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	7/14/1990	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	8/29/1990	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	11/21/1990	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	3/15/1991	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	12/28/1991	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	1/3/1992	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	1/6/1992	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	5/10/1992	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	6/2/1993	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	6/3/1993	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	7/15/1993	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	8/12/1993	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	11/5/1993	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/12/1993	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	2/5/1995	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	7/1/1995	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	7/9/1995	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	3/25/1996	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	4/30/1996	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	1/19/1998	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	7/1/1998	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	8/25/1998	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	11/1/1998	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	11/2/1998	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	11/23/1998	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	4/5/1999	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	4/14/1999	36	36	1.62	66.26	6734	42.0061%	TSS	0.04	0.289	28.3	14.28802673	103.2309931
5439000	5/8/2000	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	5/5/2001	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	5/6/2001	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	5/10/2001	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	5/21/2001	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	10/29/2001	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	2/13/2002	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	6/5/2003	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	6/8/2003	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	2/22/2004	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	3/18/2004	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	4/12/2004	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	6/30/2004	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	7/5/2004	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	4/1/2005	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	5/11/2005	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	4/7/2006	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	5/10/2006	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/6/2006	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	1/22/2007	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	9/17/2007	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	12/13/2007	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	1/23/2008	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	5/8/2008	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	6/25/2008	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	8/5/2008	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	10/19/2008	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	10/21/2008	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	7/7/2009	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	7/9/2009	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	11/21/2009	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	1/23/2010	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	5/3/2010	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	6/4/2010	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	6/6/2010	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	2/22/2012	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	4/21/2012	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	5/1/2012	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	12/20/2012	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	4/12/2014	36	36	1.62	66.26	6734	42.0061%	TSS	--	0.289	28.3	#VALUE!	103.2309931
5439000	6/16/1927	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	1/18/1928	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	3/25/1932	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	7/14/1933	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	3/24/1980	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	3/30/1980	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/6/1980	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	6/19/1980	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	11/5/1980	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	11/7/1980	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/11/1981	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	10/29/1981	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	11/4/1981	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	12/10/1981	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	12/11/1981	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/7/1982	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/19/1982	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	12/24/1983	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	3/7/1984	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	11/7/1984	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	12/5/1984	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	1/13/1985	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	12/19/1985	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	11/6/1986	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	12/20/1986	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	2/7/1987	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/9/1987	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/18/1987	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	10/10/1987	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	10/17/1987	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	3/18/1988	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/11/1988	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/13/1988	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	8/8/1988	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	1/12/1989	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	3/4/1989	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	6/11/1989	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	1/5/1990	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	8/7/1990	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	11/17/1990	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	6/19/1991	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	11/2/1991	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/16/1991	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	2/4/1992	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/11/1992	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/13/1992	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	9/14/1992	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	2/20/1993	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	6/1/1993	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	11/27/1993	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	1/3/1994	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	4/15/1994	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	7/8/1994	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	2/11/1995	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	2/12/1995	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	4/29/1997	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	4/12/1999	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	4/13/1999	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/5/2000	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	7/19/2000	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/29/2001	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	9/23/2001	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	2/18/2002	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	6/28/2002	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	8/13/2002	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	3/19/2004	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	4/13/2004	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/6/2004	35	35	1.62	64.65	6871	42.8607%	TSS	0.11	0.289	28.3	37.98471479	100.7117667
5439000	10/23/2004	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	12/10/2004	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	1/20/2005	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	3/15/2005	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	3/16/2005	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	3/17/2005	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/19/2005	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	4/4/2005	35	35	1.62	64.65	6871	42.8607%	TSS	0.01	0.289	28.3	3.48483622	100.7117667
5439000	4/5/2005	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/12/2005	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	4/23/2006	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	6/2/2006	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	6/19/2006	35	35	1.62	64.65	6871	42.8607%	TSS	0.18	0.289	28.3	63.4240192	100.7117667
5439000	5/16/2007	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	6/21/2007	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	6/28/2007	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	1/1/2008	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	1/24/2008	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	1/26/2008	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/4/2008	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	1/21/2009	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	1/22/2009	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	8/19/2009	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	7/30/2010	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	2/15/2011	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	7/4/2011	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	4/22/2012	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/2/2012	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/5/2012	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/25/2012	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	6/4/2012	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	2/1/2013	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	4/3/2013	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/28/2013	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/3/2014	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	5/16/2014	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	10/14/2014	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667
5439000	4/1/2015	35	35	1.62	64.65	6871	42.8607%	TSS	--	0.289	28.3	#VALUE!	100.7117667

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/5/1926	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	10/28/1926	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	11/11/1926	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	1/7/1928	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	2/17/1928	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	3/24/1928	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	4/27/1928	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	1/11/1929	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	7/7/1929	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	5/12/1930	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	5/14/1932	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	3/15/1933	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	4/26/1933	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	5/18/1980	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	6/18/1980	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	12/22/1980	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	3/9/1981	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	7/6/1981	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	8/18/1981	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	10/30/1981	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	11/7/1981	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	11/8/1981	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	12/9/1981	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	6/11/1982	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	6/20/1982	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	11/10/1982	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	1/19/1983	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	5/15/1984	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	5/17/1984	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	5/18/1984	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	7/10/1985	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	6/21/1986	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/14/1986	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	6/9/1987	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	10/11/1987	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	3/17/1988	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	3/20/1988	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	5/16/1988	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	11/26/1988	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	3/18/1989	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	4/1/1989	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	4/2/1989	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	8/18/1989	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	9/26/1989	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	1/20/1990	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	7/12/1990	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	7/26/1990	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	11/18/1990	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	11/19/1990	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	1/4/1991	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	2/26/1991	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	11/22/1991	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	12/27/1991	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	1/2/1992	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	2/2/1992	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	2/12/1992	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	4/7/1992	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	7/18/1992	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	9/15/1992	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	11/1/1992	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	2/18/1993	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	2/21/1993	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	8/7/1993	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	11/1/1993	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/3/1993	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	11/4/1993	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	11/6/1993	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	12/7/1995	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	5/1/1996	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	8/27/1996	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	6/14/1997	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	7/14/1998	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	7/19/1998	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	12/20/1998	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	3/10/2000	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	5/6/2000	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	5/7/2000	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	11/15/2000	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	2/7/2001	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	5/12/2001	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	6/24/2001	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	6/6/2003	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	6/7/2003	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	7/1/2004	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	3/18/2005	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	6/22/2006	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	1/25/2008	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	1/27/2008	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	2/15/2008	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	5/5/2008	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	11/22/2009	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	1/17/2010	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	2/8/2010	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	2/9/2010	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	6/8/2010	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	6/9/2010	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/11/2010	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	8/14/2010	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	2/19/2012	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	7/19/2012	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	4/25/2014	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	5/24/2014	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	4/7/2015	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	7/27/2015	34	34	1.62	63.03	6977	43.5219%	TSS	--	0.289	28.3	#VALUE!	98.19254036
5439000	1/6/1926	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/10/1926	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/26/1926	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	10/29/1926	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	2/24/1927	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	10/21/1927	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/12/1928	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	4/28/1928	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	7/29/1928	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	8/30/1928	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	8/4/1929	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	4/9/1930	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	4/5/1931	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/1/1932	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/14/1932	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/15/1932	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/17/1932	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	4/14/1932	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	5/6/1932	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	6/7/1933	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	11/6/1980	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/10/1981	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/12/1981	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	6/12/1981	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/3/1981	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	8/9/1982	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	6/22/1983	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	5/16/1984	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	11/8/1984	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	12/1/1984	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	1/10/1985	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	1/19/1985	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	4/25/1985	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	7/6/1986	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	7/23/1986	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	10/25/1986	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	11/8/1986	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/8/1987	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/29/1987	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/30/1987	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	5/10/1987	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	10/12/1987	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/22/1988	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	5/14/1988	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	11/27/1988	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	8/15/1990	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	1/6/1991	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	2/25/1991	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/10/1991	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/12/1991	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	6/20/1991	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	11/15/1991	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	1/4/1992	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	1/7/1992	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	2/6/1992	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	2/22/1993	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/16/1993	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	11/2/1993	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	11/12/1993	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	11/15/1993	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	11/28/1993	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	2/13/1995	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	4/29/1996	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	6/7/1997	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	11/3/1998	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	11/25/1998	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	11/30/1998	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	4/7/1999	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	7/4/1999	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/11/2000	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/20/2000	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	5/24/2000	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	10/6/2000	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	11/16/2000	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	5/9/2001	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	5/15/2001	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	5/26/2001	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	11/30/2001	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	12/15/2001	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/21/2004	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	4/14/2004	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	4/13/2005	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	8/20/2005	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	6/21/2006	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	9/5/2006	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	1/25/2007	33	33	1.62	61.41	7081	44.1707%	TSS	0.08	0.289	28.3	24.8287147	95.67331398
5439000	9/18/2007	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	1/28/2008	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/29/2008	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	2/2/2008	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	6/28/2008	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	7/25/2008	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	11/26/2008	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	10/22/2009	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	11/23/2009	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	1/18/2010	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	5/4/2010	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	7/9/2010	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	2/20/2012	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	4/24/2012	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	4/26/2012	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	5/28/2012	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	5/29/2012	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	11/26/2014	33	33	1.62	61.41	7081	44.1707%	TSS	--	0.289	28.3	#VALUE!	95.67331398
5439000	3/12/1926	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	6/26/1926	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	11/12/1926	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	12/23/1926	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	2/23/1927	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	6/17/1927	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	6/27/1927	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	3/17/1928	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	4/29/1928	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	11/3/1928	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	1/15/1929	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	1/21/1929	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	1/30/1929	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	1/31/1929	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	2/1/1929	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	2/2/1929	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/1/1929	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	4/10/1930	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	5/13/1930	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	9/28/1930	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	3/25/1931	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	11/18/1931	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	12/10/1931	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	3/3/1933	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	3/1/1980	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	3/25/1980	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	3/11/1981	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	3/13/1981	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	10/14/1981	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	10/31/1981	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	12/12/1981	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	5/8/1982	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	6/21/1982	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	11/9/1982	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	7/24/1983	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	5/21/1984	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	6/24/1984	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	11/12/1984	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	12/6/1984	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	6/16/1985	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	7/6/1985	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	12/21/1985	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	2/26/1986	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	4/2/1986	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	4/3/1986	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	11/7/1986	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	12/23/1986	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	12/24/1986	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/6/1987	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	3/3/1987	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	3/7/1987	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	4/1/1987	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	6/10/1987	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	6/22/1987	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	10/13/1987	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	5/25/1988	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	1/11/1989	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	1/26/1989	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	2/1/1989	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	4/3/1989	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	9/27/1989	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	9/28/1989	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	1/9/1990	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	1/10/1990	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	7/16/1990	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	7/27/1990	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	7/30/1990	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	10/20/1990	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	11/22/1990	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	1/8/1991	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	3/11/1991	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	12/30/1991	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	1/5/1992	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	2/5/1992	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	4/9/1992	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	9/16/1992	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	2/15/1993	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	2/17/1993	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	2/24/1993	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	9/6/1993	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/14/1993	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	4/6/1994	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	4/14/1994	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	2/14/1995	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	2/15/1995	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	3/4/1995	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	3/5/1995	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	7/2/1995	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	11/29/1995	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	4/19/1996	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	7/9/1996	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	12/18/1996	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	1/3/1997	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	6/29/1997	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	7/2/1998	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	8/4/1998	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	3/12/2000	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	8/9/2000	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	5/14/2001	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	5/30/2001	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	10/30/2001	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	11/24/2001	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	12/17/2001	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	6/29/2002	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	7/13/2003	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	5/7/2004	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	11/27/2004	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	4/6/2005	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	6/3/2006	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	6/20/2006	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	1/23/2007	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	6/11/2007	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/25/2007	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	1/30/2008	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	2/1/2008	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	2/3/2008	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	5/6/2008	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	10/22/2008	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	11/27/2008	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	11/30/2008	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	12/1/2008	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	1/14/2009	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	1/15/2009	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	1/18/2009	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	1/19/2010	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	1/20/2010	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	5/5/2010	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	8/1/2010	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	7/5/2011	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	11/24/2011	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	4/3/2012	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	4/25/2012	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	5/3/2012	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	5/30/2013	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	7/16/2013	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	11/17/2013	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	7/23/2014	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	10/19/2014	32	32	1.62	59.80	7185	44.8194%	TSS	--	0.289	28.3	#VALUE!	93.1540876
5439000	10/30/1926	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	5/18/1928	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	6/2/1929	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	7/17/1929	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	11/5/1929	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	12/31/1929	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/14/1930	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	4/15/1932	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	5/4/1932	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	7/16/1933	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	3/29/1980	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	5/17/1980	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	7/7/1981	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	8/30/1981	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	10/15/1981	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	10/16/1981	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	11/2/1981	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	11/28/1981	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	3/4/1982	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	5/12/1982	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	5/15/1982	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	6/13/1982	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	6/23/1983	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	12/29/1983	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	12/13/1984	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	4/26/1985	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	5/16/1985	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	10/22/1985	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	1/25/1986	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	4/4/1986	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	4/5/1986	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	7/3/1986	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	12/21/1986	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	3/31/1987	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	10/14/1987	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	3/21/1988	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	6/15/1989	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	7/18/1989	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/19/1989	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	8/20/1989	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	10/1/1989	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	1/25/1990	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	7/15/1990	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	11/20/1990	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	1/11/1991	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	2/27/1991	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	6/21/1991	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	6/22/1991	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	11/23/1991	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	5/14/1992	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	9/13/1992	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	2/23/1993	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	2/25/1993	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	2/26/1993	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	7/17/1993	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	8/9/1993	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	8/10/1993	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	11/7/1993	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	12/13/1993	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	7/10/1995	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	6/8/1997	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	6/11/1997	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	6/17/1997	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	8/15/1997	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	1/20/1998	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	11/24/1998	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	9/27/1999	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	3/13/2000	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	7/20/2000	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	7/31/2000	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/2/2000	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	5/13/2001	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	5/16/2001	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	7/15/2003	31	31	1.62	58.18	7323	45.6802%	TSS	0.26	0.289	28.3	81.54001355	90.63486122
5439000	5/8/2004	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	5/9/2004	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	7/2/2004	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	3/23/2005	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	4/7/2005	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	4/22/2005	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	3/16/2006	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	4/24/2006	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	7/2/2006	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	1/27/2007	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	5/17/2007	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	6/22/2007	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	1/31/2008	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	6/24/2008	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	6/26/2008	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	6/29/2008	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	12/20/2009	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	12/23/2009	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	1/21/2010	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	1/22/2010	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	2/22/2010	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	7/14/2010	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	7/11/2011	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	11/25/2011	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	4/23/2012	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	5/30/2012	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	4/4/2013	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	5/27/2013	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/29/2013	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	7/28/2015	31	31	1.62	58.18	7323	45.6802%	TSS	--	0.289	28.3	#VALUE!	90.63486122
5439000	4/29/1926	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	8/1/1926	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	8/2/1926	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	12/20/1926	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	1/29/1927	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	10/22/1927	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	5/15/1930	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	6/27/1930	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	10/19/1930	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	3/17/1931	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	4/6/1931	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	12/8/1931	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/24/1932	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/29/1932	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	5/15/1932	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	5/26/1932	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	4/27/1933	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	11/22/1979	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	11/30/1979	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	12/9/1979	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	1/3/1980	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	5/7/1980	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	5/19/1980	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	11/8/1980	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	12/23/1980	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	10/11/1981	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	11/1/1981	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	11/30/1981	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	12/13/1981	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	1/20/1983	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/25/1983	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	3/8/1984	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	10/31/1984	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	12/7/1984	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	12/12/1984	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	1/11/1985	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	5/5/1985	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/3/1986	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/11/1986	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	6/23/1986	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	7/25/1986	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	10/15/1986	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	12/22/1986	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	12/25/1986	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	3/5/1987	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	4/11/1987	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	10/16/1987	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	5/17/1988	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	4/4/1989	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	7/25/1989	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	10/5/1989	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	7/13/1990	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	8/8/1990	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	11/23/1990	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	11/24/1990	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	1/13/1991	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/2/1991	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	12/31/1991	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	1/1/1992	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/3/1992	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/7/1992	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/8/1992	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/8/1992	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	5/15/1992	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	9/27/1992	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/16/1993	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/27/1993	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	8/5/1993	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	11/8/1993	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	11/19/1993	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	12/11/1993	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	1/4/1994	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	4/26/1994	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/16/1995	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	7/3/1995	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	8/16/1995	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	12/1/1995	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	12/3/1995	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/14/1996	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	4/16/1996	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	4/20/1996	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	5/2/1996	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	5/3/1996	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	8/28/1996	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	9/26/1996	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	1/10/1997	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	6/5/1997	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	6/6/1997	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	6/15/1997	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/1/1998	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	7/15/1998	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	11/4/1998	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	11/26/1998	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	8/24/1999	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/5/1999	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	3/14/2000	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	3/15/2000	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	8/5/2000	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	9/22/2000	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	6/25/2001	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	9/21/2001	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	11/28/2001	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	11/29/2001	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	12/1/2001	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	12/16/2001	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	12/18/2001	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	12/19/2001	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	6/30/2002	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	6/9/2003	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	3/23/2004	30	30	1.62	56.56	7427	46.3290%	TSS	0.04	0.289	28.3	12.19593562	88.11563484
5439000	7/6/2004	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	1/21/2005	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/4/2005	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	3/20/2005	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	4/25/2006	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	6/18/2007	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	7/31/2007	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/4/2008	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/7/2008	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/25/2008	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/29/2008	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	3/1/2008	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	5/9/2008	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	11/28/2008	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	1/16/2009	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/23/2009	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/23/2010	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	3/1/2010	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	5/6/2010	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	6/7/2010	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	1/6/2011	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	2/14/2011	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	7/6/2011	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	5/26/2012	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	5/27/2012	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	6/5/2012	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	4/7/2013	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	4/23/2014	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	4/24/2014	30	30	1.62	56.56	7427	46.3290%	TSS	--	0.289	28.3	#VALUE!	88.11563484
5439000	1/7/1926	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	4/30/1926	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	6/27/1926	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	8/25/1926	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	8/26/1926	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	10/31/1926	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	12/22/1926	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	6/18/1927	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/11/1928	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	4/30/1928	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	7/13/1928	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	1/20/1929	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	2/3/1929	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	7/8/1929	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	4/11/1930	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/18/1931	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/19/1931	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	7/5/1931	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	2/10/1932	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/28/1932	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/19/1932	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	4/16/1932	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	4/24/1932	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	4/27/1932	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	2/7/1933	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/4/1933	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/7/1933	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/8/1933	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/16/1933	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/18/1933	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	4/28/1933	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	4/29/1933	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/23/1980	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	5/8/1980	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	6/20/1980	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	11/9/1980	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	2/21/1981	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	11/29/1981	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	12/14/1981	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	5/11/1982	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	6/22/1982	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	12/26/1983	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	12/28/1983	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/11/1984	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/12/1984	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	6/25/1984	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	6/27/1984	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	11/13/1984	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	1/12/1985	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	1/23/1985	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	4/27/1985	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/15/1985	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	7/24/1986	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	9/26/1986	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	10/16/1986	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/6/1987	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/9/1987	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	10/15/1987	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	5/18/1988	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	5/19/1988	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	5/20/1988	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	5/26/1988	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/27/1989	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	9/29/1989	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	10/2/1989	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	1/21/1990	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	7/28/1990	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	11/25/1990	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	1/7/1991	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	1/9/1991	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	2/10/1992	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	5/16/1992	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	9/26/1992	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	9/28/1992	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	2/28/1993	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/1/1993	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	11/9/1993	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	11/29/1993	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	4/7/1994	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	7/9/1994	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/6/1995	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	11/5/1995	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	7/10/1996	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/9/1997	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	6/30/1997	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	7/5/1999	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	5/27/2000	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	5/28/2000	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	10/31/2001	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	12/23/2001	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	12/25/2001	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/22/2004	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	4/15/2004	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	7/9/2004	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	7/10/2004	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/24/2005	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	4/23/2005	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	6/4/2006	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	2/8/2008	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	2/26/2008	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	12/21/2009	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	12/22/2009	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	2/26/2010	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	8/12/2010	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	8/13/2010	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	4/4/2012	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	4/27/2012	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	6/6/2012	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	4/5/2013	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	5/24/2013	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	8/22/2013	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	5/25/2014	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	5/29/2014	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	11/25/2014	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	12/1/2014	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/2/2014	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	7/29/2015	29	29	1.62	54.94	7566	47.1961%	TSS	--	0.289	28.3	#VALUE!	85.59640845
5439000	3/29/1926	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/3/1926	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	8/3/1926	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	11/1/1926	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	11/2/1926	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	12/19/1926	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	12/21/1926	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	6/19/1927	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	3/18/1928	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	3/19/1928	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/22/1928	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	8/9/1928	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	11/13/1928	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	11/14/1928	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	4/12/1930	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	4/13/1930	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/16/1930	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	6/13/1931	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	2/3/1932	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	2/25/1932	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	2/26/1932	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	2/27/1932	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	3/18/1932	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	4/17/1932	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	3/17/1933	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	6/8/1933	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	12/1/1979	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	12/6/1979	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	12/7/1979	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	1/18/1980	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/9/1980	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/10/1980	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/11/1980	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/13/1980	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/20/1980	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	7/9/1980	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	7/10/1980	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	12/25/1980	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	3/14/1981	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	3/15/1981	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	7/8/1981	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	11/9/1981	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	3/5/1982	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/9/1982	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/10/1982	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/16/1982	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	1/21/1983	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	6/24/1983	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	7/25/1983	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	12/27/1983	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	12/30/1983	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	10/29/1984	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	11/14/1984	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	12/8/1984	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	1/20/1985	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	4/28/1985	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	4/30/1985	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/17/1985	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	10/23/1985	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	11/9/1986	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	11/13/1986	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	1/9/1987	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/4/1987	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	3/19/1987	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/12/1987	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/14/1987	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	10/19/1987	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/21/1988	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/22/1988	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/27/1988	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/28/1988	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	11/19/1988	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	1/15/1989	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	3/19/1989	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	6/16/1989	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	9/30/1989	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	1/6/1990	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	7/17/1990	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	8/16/1990	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	10/21/1990	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	1/12/1991	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	1/15/1991	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	6/30/1991	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	2/11/1992	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	2/17/1992	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/17/1992	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	11/10/1993	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	11/11/1993	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	12/1/1993	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	4/8/1994	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	4/16/1994	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	3/7/1995	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	7/11/1995	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	9/7/1995	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/30/1995	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	12/8/1995	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	2/9/1996	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	4/22/1996	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/4/1996	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	7/13/1996	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	12/11/1996	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	7/1/1997	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	1/21/1998	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	11/5/1998	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	11/29/1998	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	3/19/2000	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/25/2000	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	11/17/2000	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	1/29/2001	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/17/2001	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/18/2001	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/22/2001	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	4/16/2004	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	12/11/2004	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	3/22/2005	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/22/2005	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	4/8/2006	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	10/3/2006	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	1/24/2007	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	6/13/2007	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	6/14/2007	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	6/29/2007	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	7/5/2007	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	12/14/2007	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	2/5/2008	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	2/6/2008	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/27/2008	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	6/27/2008	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	7/13/2009	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	8/18/2009	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	9/1/2009	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	12/10/2009	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	2/27/2010	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	6/10/2010	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	9/29/2011	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	4/5/2012	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	10/17/2012	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/26/2013	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	7/17/2013	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	5/27/2014	28	28	1.62	53.33	7683	47.9259%	TSS	--	0.289	28.3	#VALUE!	83.07718207
5439000	1/20/1926	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	5/1/1926	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	11/3/1926	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	11/4/1926	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	10/2/1927	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	3/23/1928	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	11/15/1928	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	10/27/1929	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	10/30/1929	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	4/14/1930	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	10/7/1930	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	4/7/1931	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	6/28/1931	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	4/18/1932	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	4/28/1932	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	5/16/1932	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	3/5/1933	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	3/6/1933	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/21/1980	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	6/21/1980	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	10/12/1981	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	12/15/1981	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	12/21/1981	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	5/20/1982	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	5/26/1982	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	6/14/1982	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	8/10/1982	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	1/22/1983	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	6/25/1983	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	11/15/1984	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	12/9/1984	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	1/22/1985	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	4/29/1985	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	5/1/1985	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	7/7/1985	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	7/9/1985	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	1/26/1986	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	2/27/1986	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	4/6/1986	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	5/15/1986	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	7/4/1986	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	11/18/1986	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	12/26/1986	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	12/29/1986	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	12/30/1986	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	1/2/1987	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	1/13/1987	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	4/2/1987	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	6/23/1987	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	10/18/1987	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/20/1987	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	10/24/1987	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	1/25/1989	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	1/27/1989	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	7/18/1990	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	8/30/1990	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	1/10/1991	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	1/14/1991	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	6/23/1991	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	11/25/1991	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	2/13/1992	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	5/23/1992	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	8/1/1992	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	8/3/1992	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	9/17/1992	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	9/23/1992	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	11/16/1993	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	11/17/1993	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	1/5/1994	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	4/9/1994	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	2/17/1995	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	2/18/1995	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	12/2/1995	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	12/5/1995	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	1/18/1996	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	2/29/1996	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	7/12/1996	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	7/15/1996	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	6/10/1997	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	6/18/1997	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	7/16/1998	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	11/27/1998	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/28/1998	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	12/21/1998	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	7/6/1999	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	3/16/2000	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	7/21/2000	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	9/12/2000	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	5/24/2001	27	27	1.62	51.71	7823	48.7992%	TSS	0.10	0.289	28.3	27.87472515	80.55795569
5439000	6/26/2001	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	12/3/2001	27	27	1.62	51.71	7823	48.7992%	TSS	0.08	0.289	28.3	22.29978012	80.55795569
5439000	12/20/2001	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	8/24/2002	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	12/15/2003	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	7/7/2004	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	3/21/2005	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	4/8/2005	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	6/23/2006	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	9/11/2006	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	6/12/2007	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	9/19/2007	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	10/16/2007	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	2/10/2008	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	5/10/2008	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	7/7/2008	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	1/24/2009	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	2/10/2010	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	2/11/2010	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	2/12/2010	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	2/13/2010	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	2/16/2010	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	2/21/2010	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	6/11/2010	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	7/10/2010	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/7/2011	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	6/7/2012	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	4/6/2013	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	5/25/2013	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	10/20/2014	27	27	1.62	51.71	7823	48.7992%	TSS	--	0.289	28.3	#VALUE!	80.55795569
5439000	2/2/1926	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	3/11/1926	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	3/27/1926	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	7/7/1926	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	8/27/1926	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	6/20/1927	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	6/28/1927	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	9/29/1927	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	10/23/1927	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	2/24/1928	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	7/30/1928	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	10/23/1928	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	11/6/1928	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	11/16/1928	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	1/17/1929	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	1/18/1929	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	1/19/1929	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	2/4/1929	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	6/3/1929	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	7/9/1929	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	10/25/1929	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	11/6/1929	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	5/18/1930	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	3/27/1931	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	4/8/1931	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	4/20/1932	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	4/29/1932	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/30/1932	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	6/10/1932	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	2/6/1933	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	2/20/1933	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	12/8/1979	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	1/7/1980	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	3/28/1980	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	5/12/1980	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	5/14/1980	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	5/22/1980	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	5/24/1980	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	6/22/1980	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	11/14/1980	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	12/24/1980	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	12/26/1980	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	3/16/1981	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	3/17/1981	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	7/9/1981	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	10/13/1981	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	11/25/1981	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	12/16/1981	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	12/18/1981	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	5/18/1982	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	6/26/1984	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	5/6/1985	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	2/28/1986	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	3/1/1986	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	4/7/1986	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	10/17/1986	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	12/27/1986	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	12/28/1986	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	12/31/1986	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/1/1987	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	1/6/1987	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	3/18/1987	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	3/25/1987	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	5/13/1987	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	8/2/1987	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	5/29/1988	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	8/9/1988	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	11/28/1988	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	4/5/1989	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	6/17/1989	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	6/18/1989	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	8/21/1989	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	10/6/1989	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	8/9/1990	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	10/11/1990	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	1/16/1991	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	1/18/1991	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	1/19/1991	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	1/23/1991	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	2/28/1991	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	5/18/1992	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	7/19/1992	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	7/24/1992	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	9/21/1992	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	8/17/1993	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	8/28/1993	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	11/18/1993	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	11/20/1993	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	11/25/1993	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	4/18/1994	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	7/15/1994	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/16/1994	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	7/17/1994	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	7/12/1995	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	7/13/1995	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	12/9/1995	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	4/18/1996	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	4/21/1996	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	7/11/1996	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	8/29/1996	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	2/6/1997	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	6/19/1997	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	11/6/1998	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	12/1/1998	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	7/9/1999	26	26	1.62	50.09	7942	49.5415%	TSS	0.05	0.289	28.3	13.50151026	78.03872931
5439000	5/26/2000	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	11/1/2001	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	12/2/2001	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	12/4/2001	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	12/5/2001	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	12/22/2001	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	7/1/2002	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	6/10/2003	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	2/21/2004	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	4/17/2004	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	1/22/2005	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	4/14/2005	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	5/13/2005	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	4/26/2006	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	6/25/2006	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	5/18/2007	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	5/19/2007	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	5/20/2007	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/26/2007	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	12/11/2007	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	7/26/2008	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	9/4/2008	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	11/29/2008	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	2/14/2010	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	2/15/2010	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	2/17/2010	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	2/20/2010	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	2/24/2010	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	2/25/2010	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	7/15/2010	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	7/8/2011	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	4/6/2012	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	4/8/2012	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	4/9/2012	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	4/10/2012	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	4/14/2012	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	6/8/2012	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	2/20/2014	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	2/23/2014	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	5/4/2014	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	5/9/2014	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	5/13/2014	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	5/26/2014	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	7/24/2014	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	11/30/2014	26	26	1.62	50.09	7942	49.5415%	TSS	--	0.289	28.3	#VALUE!	78.03872931
5439000	1/18/1926	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	3/9/1926	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	5/2/1926	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	11/5/1926	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	11/6/1926	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/18/1926	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	3/4/1927	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	5/17/1928	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	7/10/1929	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	7/27/1929	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	5/17/1930	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	5/19/1930	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	10/11/1930	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	12/1/1930	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	3/26/1931	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	2/9/1932	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	4/19/1932	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	4/21/1932	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	2/13/1933	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	12/2/1979	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/4/1980	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	3/27/1980	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	5/15/1980	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	5/23/1980	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	5/25/1980	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	6/23/1980	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	8/31/1981	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	9/1/1981	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	11/10/1981	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	11/20/1981	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	12/17/1981	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	12/19/1981	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	12/22/1981	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	3/9/1982	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	5/13/1982	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	6/23/1982	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/23/1983	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/15/1983	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	6/26/1983	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	12/31/1983	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	3/13/1984	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	12/10/1984	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	5/2/1985	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	8/1/1985	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/3/1986	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	5/13/1986	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	5/14/1986	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	6/24/1986	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	6/27/1986	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	10/19/1986	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/7/1987	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/11/1987	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/14/1987	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/15/1987	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	3/11/1987	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	3/24/1987	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	4/3/1987	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	6/24/1987	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	10/21/1987	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	10/27/1987	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	5/30/1988	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	11/18/1988	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/28/1989	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	3/20/1989	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	3/26/1989	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	7/13/1989	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	7/26/1989	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/11/1990	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	7/31/1990	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/26/1990	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/17/1991	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/20/1991	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/21/1991	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/22/1991	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/24/1991	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/25/1991	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/26/1991	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/27/1991	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/28/1991	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	2/1/1991	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	8/8/1991	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	11/24/1991	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	11/26/1991	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	11/28/1991	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	2/14/1992	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	5/19/1992	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	5/22/1992	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	11/30/1993	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/24/1994	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	2/16/1994	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	4/10/1994	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	4/17/1994	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	7/10/1994	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	7/14/1994	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	8/15/1994	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	8/19/1994	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	10/6/1995	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	11/6/1995	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	12/4/1995	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	12/10/1995	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/20/1996	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/28/1996	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	3/26/1996	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	7/14/1996	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	9/27/1996	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	12/20/1996	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	12/21/1996	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	12/28/1996	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/11/1997	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/25/1997	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	2/5/1997	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	2/18/1997	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	6/20/1997	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	6/21/1997	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	7/2/1997	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	11/9/1998	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	12/22/1998	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	7/23/1999	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	10/1/1999	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	3/24/2000	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	4/17/2000	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	5/30/2000	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	5/23/2001	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	6/27/2001	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	12/6/2001	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	12/24/2001	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	2/10/2002	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	7/2/2002	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	8/14/2002	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	6/11/2003	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	4/18/2004	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	4/19/2004	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	7/8/2004	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/28/2004	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	4/9/2005	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	4/15/2005	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	4/17/2005	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	4/18/2005	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	4/25/2005	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	5/23/2005	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	6/5/2006	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	6/6/2006	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	7/4/2006	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	8/3/2006	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	2/9/2008	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	12/7/2008	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	7/15/2009	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	2/18/2010	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	2/19/2010	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	2/28/2010	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/7/2011	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	6/9/2012	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	2/7/2013	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	2/16/2013	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	2/18/2013	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	6/2/2014	25	25	1.62	48.48	8092	50.4772%	TSS	--	0.289	28.3	#VALUE!	75.51950292
5439000	1/21/1926	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/8/1926	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	11/7/1926	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	11/8/1926	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	12/26/1926	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	1/5/1927	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/6/1927	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/11/1927	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/20/1928	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/21/1928	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/14/1928	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	11/10/1929	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/25/1930	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	5/20/1930	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	10/20/1930	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/16/1931	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	6/14/1931	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	6/22/1931	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	10/12/1931	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	10/14/1931	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	2/23/1932	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/24/1932	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/7/1932	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	2/14/1933	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	12/5/1979	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	1/8/1980	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	1/19/1980	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/26/1980	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	6/24/1980	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	11/10/1980	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	11/13/1980	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	12/2/1980	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	12/27/1980	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/18/1981	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/10/1981	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	11/11/1981	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	12/20/1981	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/10/1982	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	5/14/1982	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	5/17/1982	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	1/24/1983	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/2/1983	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/26/1983	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	6/28/1984	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	1/21/1985	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	1/24/1985	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/8/1985	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/14/1985	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	12/24/1985	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	1/2/1986	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	1/27/1986	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/8/1986	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/5/1986	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/26/1986	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	10/18/1986	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	10/20/1986	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	10/21/1986	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	11/10/1986	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	11/11/1986	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	11/15/1986	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	1/3/1987	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/10/1987	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/14/1987	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/20/1987	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/21/1987	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/22/1987	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	5/17/1987	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	6/25/1987	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	10/22/1987	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	10/23/1987	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	10/26/1987	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/21/1989	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/25/1989	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/6/1989	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/7/1989	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/8/1989	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	8/22/1989	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	10/3/1989	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	1/22/1990	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	1/24/1990	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	8/31/1990	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	10/17/1990	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	10/22/1990	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	1/29/1991	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/3/1991	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	5/20/1992	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	5/21/1992	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/2/1992	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/23/1992	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/30/1992	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	9/29/1992	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	8/11/1993	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	8/18/1993	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	11/21/1993	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	1/6/1994	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	1/23/1994	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/11/1994	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/19/1994	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/25/1994	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/30/1994	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/14/1995	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/20/1995	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/23/1996	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	5/5/1996	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	5/6/1996	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/22/1996	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	12/24/1996	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	1/23/1997	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	2/7/1997	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	11/7/1998	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	12/2/1998	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	12/3/1998	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	10/4/1999	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/21/2000	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/25/2000	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/27/2000	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	5/29/2000	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	10/7/2000	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	11/7/2000	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	11/18/2000	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	11/19/2000	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	5/19/2001	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	5/20/2001	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	5/25/2001	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	6/28/2001	24	24	1.62	46.86	8248	51.4503%	TSS	0.07	0.289	28.3	17.68172788	73.00027654
5439000	12/21/2001	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	11/3/2003	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/10/2005	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/16/2005	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/19/2005	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/20/2005	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/24/2005	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/26/2005	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	5/14/2005	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	3/17/2006	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/27/2006	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	5/21/2007	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/17/2007	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	6/30/2007	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	8/1/2007	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	12/3/2008	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	1/25/2009	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	1/26/2009	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	8/21/2009	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	8/2/2010	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/9/2011	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/12/2011	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/22/2011	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/7/2012	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/11/2012	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/12/2012	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	4/13/2012	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/18/2013	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	9/5/2014	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	11/28/2014	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	7/30/2015	24	24	1.62	46.86	8248	51.4503%	TSS	--	0.289	28.3	#VALUE!	73.00027654
5439000	6/28/1926	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	8/4/1926	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	1/6/1927	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	3/8/1927	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	3/9/1927	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	3/10/1927	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	10/24/1927	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	1/1/1928	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	1/25/1928	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	3/22/1928	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	5/1/1928	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	10/24/1928	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	2/5/1929	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/4/1929	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	6/11/1929	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	7/18/1929	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	11/7/1929	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	1/26/1931	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	4/22/1931	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	11/17/1931	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	3/20/1932	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	5/1/1932	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	6/17/1932	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	8/28/1932	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	9/13/1932	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	2/15/1933	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	6/9/1933	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	7/17/1933	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	12/14/1979	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	1/5/1980	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	1/23/1980	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	5/16/1980	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	6/25/1980	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	6/29/1980	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	12/28/1980	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	3/19/1981	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	3/20/1981	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	8/19/1981	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	11/24/1981	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	5/21/1982	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	8/11/1982	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	7/11/1984	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	5/3/1985	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	5/4/1985	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	5/12/1985	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/18/1985	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	5/20/1985	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	5/27/1985	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	12/22/1985	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	12/23/1985	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	12/28/1985	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	1/4/1986	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	2/12/1986	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	4/14/1986	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	5/1/1986	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	11/20/1986	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	1/4/1987	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	1/5/1987	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	2/1/1987	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	2/8/1987	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	3/12/1987	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	3/13/1987	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	3/23/1987	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	4/4/1987	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	4/5/1987	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	4/6/1987	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	4/7/1987	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	4/10/1987	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	4/12/1987	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	5/15/1987	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	5/16/1987	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	5/31/1988	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	11/20/1988	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	1/16/1989	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	1/20/1989	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	3/22/1989	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	3/24/1989	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/19/1989	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	1/7/1990	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	1/23/1990	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	1/30/1991	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	6/24/1991	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	9/13/1993	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	11/22/1993	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	11/24/1993	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	1/22/1994	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	1/25/1994	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	5/1/1994	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	7/11/1994	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	7/12/1994	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	8/21/1994	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	3/8/1995	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	3/9/1995	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	7/15/1995	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	12/11/1995	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	3/1/1996	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	4/17/1996	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	4/25/1996	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	5/7/1996	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	5/8/1996	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	8/30/1996	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	10/30/1996	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	12/23/1996	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	12/25/1996	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	2/8/1997	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	1/22/1998	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	11/8/1998	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	12/4/1998	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	12/23/1998	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/17/2000	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	3/18/2000	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	7/22/2000	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	11/20/2000	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	10/15/2001	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	12/7/2001	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	12/27/2001	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	7/11/2004	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	11/1/2004	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	12/12/2004	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	7/5/2006	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	9/4/2006	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	9/20/2007	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	10/18/2007	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	12/2/2008	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	12/6/2008	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	7/14/2009	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	8/15/2010	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	1/10/2011	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	8/21/2011	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	6/10/2012	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	5/5/2014	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	8/8/2014	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	8/11/2014	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	10/21/2014	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	11/27/2014	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	12/3/2014	23	23	1.62	45.24	8404	52.4234%	TSS	--	0.289	28.3	#VALUE!	70.48105016
5439000	5/4/1926	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	3/7/1927	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	6/29/1927	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	5/2/1928	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	9/15/1928	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/5/1929	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	10/29/1929	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	5/21/1930	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	4/9/1931	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	4/13/1931	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	5/21/1931	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	10/13/1931	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	2/4/1932	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	4/22/1932	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	4/23/1932	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	5/17/1932	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	1/5/1933	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	2/9/1933	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	2/12/1933	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	2/16/1933	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	2/17/1933	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	2/18/1933	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	12/4/1979	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	12/10/1979	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	12/12/1979	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	1/6/1980	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	1/17/1980	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	1/24/1980	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	3/6/1980	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	3/12/1980	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	5/26/1980	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	8/2/1980	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	8/6/1980	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	11/12/1980	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	11/15/1980	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	12/6/1980	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	12/29/1980	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/30/1980	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	3/29/1981	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	3/30/1981	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	7/11/1981	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	11/12/1981	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	11/13/1981	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	3/8/1982	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	5/22/1982	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	6/24/1982	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	11/7/1982	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	1/25/1983	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	2/6/1983	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	1/1/1984	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	6/29/1984	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	5/19/1985	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	6/17/1985	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	7/11/1985	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	12/27/1985	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	12/29/1985	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	1/5/1986	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	1/28/1986	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	4/9/1986	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	4/15/1986	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	6/25/1986	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	6/26/1986	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	6/28/1986	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	7/27/1986	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	10/22/1986	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	10/23/1986	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	10/24/1986	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	11/12/1986	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	11/14/1986	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/16/1986	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	11/19/1986	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	1/8/1987	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	1/12/1987	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	3/15/1987	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	3/26/1987	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	4/8/1987	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	6/26/1987	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	10/25/1987	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	6/1/1988	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	8/10/1988	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	11/15/1988	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	2/2/1989	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	3/23/1989	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	4/28/1989	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	5/19/1989	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	8/28/1989	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	10/4/1989	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	1/8/1990	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	1/12/1990	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	8/1/1990	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	8/10/1990	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	9/7/1990	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	10/23/1990	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	1/31/1991	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	6/25/1991	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	9/13/1991	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	11/17/1991	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	5/24/1992	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	7/20/1992	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	9/30/1992	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	8/13/1993	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/23/1993	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	1/7/1994	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	1/11/1994	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	11/7/1995	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	12/6/1995	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	12/12/1995	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	3/27/1996	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	8/31/1996	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	12/19/1996	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	1/2/1997	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	2/9/1997	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	6/22/1997	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	1/23/1998	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	7/17/1998	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	8/5/1998	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	12/5/1998	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	7/7/1999	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	3/22/2000	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	3/28/2000	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	4/10/2000	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	9/23/2000	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	11/26/2000	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	6/29/2001	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	11/2/2001	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	12/8/2001	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	12/26/2001	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	12/28/2001	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	6/12/2003	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	12/16/2003	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	2/20/2004	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	7/21/2004	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	12/6/2004	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/23/2005	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	4/11/2005	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	4/27/2005	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	3/12/2006	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	6/7/2006	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	6/24/2006	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	11/29/2006	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	12/11/2006	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	7/6/2007	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	9/21/2007	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	2/28/2008	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	6/30/2008	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	7/8/2008	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	7/30/2008	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	12/4/2008	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	9/2/2009	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	7/16/2010	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	7/10/2011	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	8/25/2011	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	6/11/2012	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	10/19/2012	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	5/6/2014	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	5/30/2014	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	7/25/2014	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	10/13/2014	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	7/31/2015	22	22	1.62	43.62	8540	53.2718%	TSS	--	0.289	28.3	#VALUE!	67.96182378
5439000	3/13/1926	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	5/5/1926	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	6/29/1926	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	1/4/1927	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	6/30/1927	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	5/4/1928	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/5/1929	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	10/28/1929	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	11/8/1929	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	12/30/1929	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	10/17/1930	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	6/29/1931	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	11/16/1931	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	2/8/1932	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	5/2/1932	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	5/3/1932	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/8/1932	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	12/31/1932	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	2/10/1933	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	2/11/1933	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	2/19/1933	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	3/13/1933	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	12/3/1979	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	12/11/1979	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	2/28/1980	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	6/26/1980	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/23/1980	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	11/11/1980	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	12/31/1980	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	3/21/1981	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/12/1981	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	9/26/1981	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	9/27/1981	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	11/14/1981	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	11/15/1981	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	11/19/1981	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	3/6/1982	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/27/1983	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/2/1984	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	3/14/1984	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	11/16/1984	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	12/25/1985	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	12/26/1985	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	12/30/1985	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	1/1/1986	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	2/2/1986	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	4/10/1986	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	4/11/1986	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	4/17/1986	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/28/1986	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	9/27/1986	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	1/19/1987	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	2/28/1987	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	4/9/1987	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	4/13/1987	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	10/28/1987	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	6/2/1988	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	4/9/1989	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	6/20/1989	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	6/21/1989	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	8/23/1989	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	11/15/1989	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	9/1/1990	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	10/10/1990	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	10/24/1990	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	6/26/1991	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/4/1991	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	5/25/1992	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	5/26/1992	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	9/24/1992	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/19/1993	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	9/7/1993	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	1/12/1994	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	1/26/1994	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	2/15/1994	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	4/20/1994	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	4/24/1994	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	4/29/1994	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	6/17/1994	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/13/1994	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/18/1994	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	12/13/1995	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	1/17/1996	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	4/26/1996	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/16/1996	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	12/26/1996	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	12/29/1996	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	1/14/1997	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	1/22/1997	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	1/26/1997	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	2/4/1997	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	2/10/1997	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	2/17/1997	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	6/23/1997	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/3/1997	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	1/24/1998	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	1/25/1998	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/20/1998	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/10/1999	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	2/22/2000	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	3/23/2000	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	3/26/2000	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/9/2000	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	8/10/2000	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	10/8/2000	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	11/21/2000	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	11/22/2000	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/3/2001	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	11/3/2001	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	6/13/2003	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/14/2003	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/12/2004	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	2/3/2005	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	4/21/2005	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	4/9/2006	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	12/9/2006	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	12/10/2006	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	5/22/2007	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	9/22/2007	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/29/2008	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	8/4/2008	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	12/8/2008	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	1/23/2009	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	1/27/2009	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/16/2009	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/17/2009	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/24/2009	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	1/11/2011	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/23/2011	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/26/2011	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	6/12/2012	21	21	1.62	42.01	8699	54.2636%	TSS	0.24	0.289	28.3	54.12034871	65.44259739
5439000	2/22/2013	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/19/2013	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	4/27/2014	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/7/2014	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	7/26/2014	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	9/4/2014	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	3/10/2015	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	8/10/2015	21	21	1.62	42.01	8699	54.2636%	TSS	--	0.289	28.3	#VALUE!	65.44259739
5439000	2/4/1926	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	3/28/1926	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	7/9/1926	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	9/9/1926	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/18/1927	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/2/1928	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/6/1928	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/26/1928	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	2/18/1928	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	2/19/1928	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/3/1928	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/5/1928	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	7/15/1928	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	7/31/1928	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	8/1/1928	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	8/10/1928	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/16/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	2/6/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	2/25/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/20/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/21/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/22/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/23/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/24/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/25/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/26/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/27/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/28/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/29/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/30/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/1/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/2/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/3/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/4/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/5/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/6/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/7/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/8/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/9/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/13/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/29/1929	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	10/21/1930	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	4/10/1931	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	2/7/1932	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	3/23/1932	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/18/1932	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/19/1932	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	6/11/1932	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	6/18/1932	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/4/1933	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	6/10/1933	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/19/1979	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/23/1979	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/22/1980	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/27/1980	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	6/27/1980	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	8/3/1980	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/16/1980	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/28/1980	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/1/1981	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/6/1981	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	3/22/1981	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	4/12/1981	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	7/13/1981	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	8/28/1981	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/16/1981	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/17/1981	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/18/1981	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	8/12/1982	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/1/1982	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/8/1982	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/26/1983	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/27/1983	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	2/3/1983	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	8/4/1983	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	9/17/1983	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	9/20/1983	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	10/23/1983	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/11/1984	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/29/1985	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/7/1985	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/8/1985	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/10/1985	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/11/1985	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/14/1985	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	6/24/1985	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/6/1986	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/29/1986	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	4/12/1986	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/17/1986	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/21/1986	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/27/1987	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	3/28/1987	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	10/29/1987	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	10/30/1987	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/29/1988	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/19/1989	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/21/1989	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/20/1989	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/24/1989	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	6/22/1989	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/16/1989	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	8/2/1990	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	10/12/1990	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	10/15/1990	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	6/27/1991	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	7/1/1991	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/27/1991	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/27/1992	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	6/17/1992	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	8/26/1992	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	9/18/1992	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	9/20/1992	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	9/25/1992	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	8/14/1993	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	9/11/1993	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/8/1994	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/9/1994	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/10/1994	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/13/1994	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/21/1994	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/27/1994	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/31/1994	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/1/1994	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	2/2/1994	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	2/3/1994	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	2/4/1994	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	2/14/1994	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	4/21/1994	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	4/22/1994	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	4/27/1994	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	4/28/1994	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/2/1994	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/7/1994	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	8/18/1995	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/14/1995	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/15/1995	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	4/24/1996	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/27/1996	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/12/1997	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/13/1997	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/21/1997	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/27/1997	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	2/11/1997	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/26/1998	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	7/18/1998	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/24/1998	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	7/8/1999	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	4/18/2000	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	9/24/2000	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	6/30/2001	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	9/20/2001	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/4/2001	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/9/2001	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/12/2001	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/3/2002	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	8/4/2002	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	6/14/2003	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	6/19/2003	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/15/2005	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/24/2005	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	6/5/2005	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	4/10/2006	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	4/12/2006	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	4/28/2006	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	4/29/2006	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	6/16/2007	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	7/1/2007	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/15/2007	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/21/2007	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	7/27/2008	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	12/5/2008	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	7/25/2009	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	8/17/2009	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	8/20/2009	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	7/17/2010	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/8/2011	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/9/2011	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	1/18/2011	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/3/2011	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	6/13/2012	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	10/14/2012	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	2/2/2013	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	2/17/2013	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	4/26/2014	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/8/2014	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	5/10/2014	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/12/2014	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	8/1/2015	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	8/2/2015	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	8/3/2015	20	20	1.62	40.39	8838	55.1307%	TSS	--	0.289	28.3	#VALUE!	62.92337101
5439000	11/14/1925	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	2/3/1926	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	2/5/1926	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	5/6/1926	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	9/6/1926	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	9/7/1926	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	12/27/1926	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	10/26/1927	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	5/6/1928	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	5/23/1928	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	8/3/1928	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	6/6/1929	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	7/28/1929	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	11/9/1929	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	12/14/1929	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	5/22/1930	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	4/21/1931	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	4/23/1931	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	6/15/1931	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	7/6/1931	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	10/11/1931	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	10/15/1931	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	11/13/1931	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	2/5/1932	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	2/6/1932	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	3/22/1932	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	5/20/1932	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	5/27/1932	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/8/1933	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	7/18/1933	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	12/15/1979	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/9/1980	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	6/30/1980	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	8/4/1980	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	11/17/1980	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	11/18/1980	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	12/5/1980	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/2/1981	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	3/23/1981	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	3/24/1981	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	3/25/1981	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	3/26/1981	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	7/15/1981	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	8/20/1981	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	9/2/1981	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	11/23/1981	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	12/23/1981	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	5/23/1982	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	10/21/1982	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/28/1983	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/29/1983	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	2/7/1983	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/3/1984	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/7/1984	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/8/1984	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	6/30/1984	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	11/17/1984	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	11/18/1984	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	11/19/1984	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/25/1985	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/28/1985	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	5/9/1985	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	5/21/1985	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	6/22/1985	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	7/15/1985	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	10/13/1985	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	12/31/1985	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/30/1986	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	2/13/1986	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	2/18/1986	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	4/13/1986	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	4/16/1986	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	4/18/1986	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	11/22/1986	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	2/11/1987	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	3/16/1987	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	10/31/1987	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	6/3/1988	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	11/13/1988	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	11/21/1988	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/17/1989	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/24/1989	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	5/23/1989	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	8/24/1989	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	10/7/1989	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	10/10/1989	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	10/11/1989	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/13/1990	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	10/16/1990	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	3/13/1991	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	3/14/1991	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	6/28/1991	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/30/1991	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	6/5/1992	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	7/25/1992	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	10/1/1992	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	8/8/1993	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	8/20/1993	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	9/8/1993	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/14/1994	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/15/1994	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/28/1994	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/29/1994	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/30/1994	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	2/5/1994	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	2/6/1994	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	4/23/1994	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	5/3/1994	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	5/4/1994	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	5/5/1994	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	6/19/1994	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	8/10/1994	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	7/16/1995	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	3/28/1996	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	9/1/1996	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/1/1997	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/15/1997	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/16/1997	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/17/1997	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/19/1997	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/20/1997	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	2/2/1997	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	2/3/1997	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	2/12/1997	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/16/1997	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	6/24/1997	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/27/1998	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/28/1998	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/31/1998	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	7/22/1998	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	7/24/1999	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	10/3/1999	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	10/5/1999	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	4/8/2000	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	4/11/2000	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	4/16/2000	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	7/23/2000	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	11/27/2000	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	12/4/2000	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	12/7/2000	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	12/8/2000	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	7/1/2001	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	10/22/2001	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	12/10/2001	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	12/29/2001	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	7/4/2002	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	10/4/2002	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	3/17/2003	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	6/20/2003	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	11/5/2003	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	7/13/2004	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/24/2005	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	4/11/2006	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	6/8/2006	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	5/23/2007	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	6/15/2007	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/3/2007	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	8/2/2007	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	1/19/2011	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	2/13/2011	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	7/13/2011	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	6/14/2012	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	6/15/2012	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	6/16/2012	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	6/17/2012	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	2/8/2013	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	6/1/2014	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	8/2/2014	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	8/23/2014	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	9/13/2014	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	11/29/2014	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	12/16/2014	19	19	1.62	38.77	9029	56.3221%	TSS	--	0.289	28.3	#VALUE!	60.40414463
5439000	4/4/1926	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	5/7/1926	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	6/30/1926	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/2/1927	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/7/1927	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	10/25/1927	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	10/27/1927	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/14/1927	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/3/1928	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/4/1928	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/20/1928	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	5/7/1928	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	8/2/1928	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	10/26/1928	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/7/1929	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	6/7/1929	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/12/1929	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/15/1929	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/16/1929	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/17/1929	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/28/1929	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	5/23/1930	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	5/24/1930	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	6/28/1930	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/12/1930	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	10/18/1930	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/2/1930	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	4/24/1931	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	5/20/1931	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	5/22/1931	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/15/1931	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	3/21/1932	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	5/21/1932	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	6/19/1932	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/1/1933	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/3/1933	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	6/11/1933	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/17/1979	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/18/1979	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/20/1979	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/10/1980	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/12/1980	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/20/1980	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/27/1980	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/1/1980	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/19/1980	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/20/1980	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/21/1980	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/23/1980	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/29/1980	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/1/1980	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/3/1981	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/5/1981	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/7/1981	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	3/27/1981	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/14/1981	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/21/1981	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	3/7/1982	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	8/13/1982	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/30/1983	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/31/1983	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/1/1983	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/4/1983	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/5/1983	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/28/1983	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/4/1984	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/6/1984	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	9/25/1984	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/27/1985	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/30/1985	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	6/21/1985	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	6/23/1985	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/12/1985	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/13/1985	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/25/1985	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	10/12/1985	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/9/1986	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/10/1986	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/31/1986	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/1/1986	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/19/1986	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	5/5/1986	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	6/29/1986	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/29/1986	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/18/1987	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/10/1987	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	3/17/1987	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	6/27/1987	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	6/29/1987	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	6/4/1988	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/10/1988	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/30/1988	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/22/1989	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	4/12/1989	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	5/21/1989	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	6/23/1989	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	8/31/1989	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	10/8/1989	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	10/9/1989	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	10/21/1989	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	9/2/1990	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	10/14/1990	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	10/25/1990	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	10/27/1990	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/4/1990	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/3/1991	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	5/28/1992	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	5/29/1992	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	5/30/1992	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	5/31/1992	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	6/3/1992	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	6/4/1992	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/2/1992	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	8/21/1993	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	8/22/1993	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	9/9/1993	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/16/1994	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/17/1994	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/7/1994	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/8/1994	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/9/1994	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/10/1994	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/11/1994	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/12/1994	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/13/1994	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	5/6/1994	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	5/8/1994	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	10/8/1994	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	10/9/1994	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/16/1995	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/15/1996	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	3/2/1996	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	4/27/1996	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/30/1996	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/31/1996	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/18/1997	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/28/1997	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/29/1997	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/31/1997	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/1/1997	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/13/1997	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/15/1997	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/4/1997	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/8/1997	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/29/1998	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/30/1998	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/21/1998	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	8/7/1998	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	10/5/1998	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	3/29/2000	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	8/3/2000	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	9/11/2000	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	10/9/2000	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/8/2000	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/23/2000	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/25/2000	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/29/2000	18	18	1.62	37.16	9201	57.3950%	TSS	0.09	0.289	28.3	18.02644513	57.88491825
5439000	12/1/2000	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/2/2000	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/5/2000	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/6/2000	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	9/24/2001	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/5/2001	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/11/2001	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/5/2002	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/6/2002	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	3/15/2003	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	3/16/2003	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	8/1/2003	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/4/2003	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/20/2003	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/29/2004	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/13/2004	18	18	1.62	37.16	9201	57.3950%	TSS	0.07	0.289	28.3	13.41968693	57.88491825
5439000	1/30/2005	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	5/25/2005	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	6/9/2006	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/6/2006	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/20/2006	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/26/2007	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/27/2007	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	8/5/2007	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	9/23/2007	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/1/2008	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/2/2008	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	8/6/2008	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/30/2009	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	2/1/2009	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/18/2009	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	10/2/2009	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	8/16/2010	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/12/2011	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/15/2011	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/20/2011	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	1/30/2011	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	8/6/2011	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	8/9/2011	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	9/30/2011	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	5/31/2014	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	7/27/2014	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	11/23/2014	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/4/2014	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/17/2014	18	18	1.62	37.16	9201	57.3950%	TSS	--	0.289	28.3	#VALUE!	57.88491825
5439000	12/7/1925	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	5/8/1926	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/2/1926	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/10/1926	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	9/8/1926	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	9/10/1926	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/28/1926	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	10/28/1927	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/16/1928	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	10/25/1928	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	8/6/1929	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	5/25/1930	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	9/29/1930	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	10/12/1930	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/29/1931	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/11/1931	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	6/16/1931	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/2/1933	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/6/1933	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	11/21/1979	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	12/13/1979	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	12/21/1979	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	12/22/1979	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/11/1980	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/13/1980	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/16/1980	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/21/1980	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/25/1980	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/11/1980	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	11/24/1980	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	11/27/1980	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	12/3/1980	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	12/4/1980	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/8/1981	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	3/28/1981	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	3/31/1981	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/4/1981	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	11/22/1981	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/8/1983	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	2/9/1983	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	10/22/1983	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/5/1984	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/9/1984	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/1/1984	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	10/30/1984	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/26/1985	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	2/5/1985	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	2/10/1985	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	5/13/1985	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	5/22/1985	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	5/23/1985	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	5/28/1985	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	6/18/1985	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/7/1986	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/8/1986	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/17/1986	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	2/14/1986	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/21/1986	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	5/2/1986	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	5/6/1986	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	9/11/1986	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	9/23/1986	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	2/9/1987	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	6/28/1987	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	8/3/1987	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	6/5/1988	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/18/1988	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/18/1989	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/23/1989	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	2/3/1989	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/10/1989	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/11/1989	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/13/1989	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/14/1989	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/15/1989	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/17/1989	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/29/1989	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	5/22/1989	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	8/25/1989	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	8/29/1989	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	10/12/1989	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	10/26/1990	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	6/29/1991	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/5/1991	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	9/4/1991	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	6/1/1992	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	6/2/1992	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	10/15/1992	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/18/1994	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/19/1994	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/20/1994	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/21/1994	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	9/24/1994	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/17/1995	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	11/8/1995	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/21/1996	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/28/1996	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	9/8/1996	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	10/29/1996	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/30/1997	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	2/14/1997	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/5/1997	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/6/1998	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	8/28/1998	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	9/14/1998	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	10/2/1999	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/1/2000	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/2/2000	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/3/2000	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/7/2000	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/24/2000	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	8/17/2000	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	10/10/2000	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	11/24/2000	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	11/28/2000	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	11/30/2000	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	12/3/2000	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	12/10/2000	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/2/2001	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/4/2001	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	11/6/2001	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	8/5/2002	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	3/14/2003	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	6/15/2003	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/22/2003	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/14/2004	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	8/4/2004	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/2/2005	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/25/2005	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/29/2005	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/31/2005	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/28/2005	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/30/2005	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	5/16/2005	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/26/2005	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/30/2006	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	3/10/2006	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	3/18/2006	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/13/2006	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/14/2006	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	4/15/2006	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	5/24/2007	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/2/2007	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	9/24/2007	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	9/25/2007	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	9/26/2007	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	10/19/2007	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	11/21/2007	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	12/2/2007	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	12/16/2007	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	12/20/2007	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/3/2008	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/19/2009	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/23/2009	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	8/7/2009	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	9/3/2009	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/18/2010	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/23/2010	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/14/2011	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/16/2011	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/17/2011	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/21/2011	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/24/2011	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/25/2011	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/29/2011	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/14/2011	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/27/2011	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/30/2011	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	6/18/2012	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	7/20/2013	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	11/1/2013	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	5/12/2014	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	6/3/2014	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	8/1/2014	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	10/22/2014	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	12/9/2014	17	17	1.62	35.54	9403	58.6551%	TSS	--	0.289	28.3	#VALUE!	55.36569186
5439000	1/22/1926	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	3/14/1926	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	8/28/1926	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	9/5/1926	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	1/3/1927	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	1/7/1927	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	10/29/1927	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	3/5/1928	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/8/1928	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/9/1928	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/24/1928	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	6/8/1929	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	7/19/1929	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	7/20/1929	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	10/24/1929	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/26/1930	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/27/1930	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/28/1930	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	4/12/1931	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	4/25/1931	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	6/30/1931	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	11/14/1931	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/22/1932	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	6/12/1932	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	3/9/1933	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	6/12/1933	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	7/19/1933	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	12/16/1979	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	1/14/1980	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	1/15/1980	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	3/5/1980	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	3/15/1980	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	7/2/1980	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	7/17/1980	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	11/22/1980	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	11/30/1980	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	1/4/1981	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	1/9/1981	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	7/16/1981	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	8/21/1981	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/24/1982	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/25/1982	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	8/14/1982	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	10/19/1982	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	2/10/1983	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	2/11/1983	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	2/14/1983	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	9/21/1983	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	10/20/1984	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	11/20/1984	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	11/23/1984	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	11/26/1984	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	2/4/1985	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	2/6/1985	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/11/1985	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/24/1985	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/25/1985	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/26/1985	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	6/27/1985	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	1/11/1986	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	1/16/1986	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	4/20/1986	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/3/1986	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/4/1986	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/11/1986	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/12/1986	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	2/14/1987	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	6/30/1987	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	6/6/1988	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	4/16/1989	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	4/22/1989	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	6/24/1989	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	6/25/1989	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	6/26/1989	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	6/27/1989	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	8/26/1989	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	10/17/1989	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	10/20/1989	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	11/17/1989	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	9/21/1990	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	10/13/1990	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	7/2/1991	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	10/31/1991	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	6/6/1992	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	7/21/1992	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	7/26/1992	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/19/1992	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	10/2/1992	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	10/3/1992	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	9/12/1993	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/9/1994	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	6/18/1994	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	6/21/1994	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	7/19/1994	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	7/20/1994	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	8/12/1994	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	10/10/1994	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	12/17/1995	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	2/27/1996	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	3/24/1996	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	3/29/1996	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	9/2/1996	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	9/3/1996	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	7/23/1998	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	12/25/1998	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	7/11/1999	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	10/6/1999	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	3/30/2000	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	4/4/2000	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	4/6/2000	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	4/12/2000	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	4/15/2000	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	9/25/2000	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	1/15/2001	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	10/16/2001	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	11/7/2001	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	11/14/2001	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	12/30/2001	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/2/2004	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	11/30/2004	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	1/26/2005	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	1/28/2005	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	2/1/2005	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	4/29/2005	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/1/2005	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/17/2005	16	16	1.62	33.92	9579	59.7530%	TSS	0.15	0.289	28.3	27.97754055	52.84646548
5439000	5/27/2005	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/28/2005	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	3/9/2006	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	11/11/2006	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/25/2007	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	12/17/2007	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	7/28/2008	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	7/22/2009	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	7/26/2009	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	8/8/2009	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	9/2/2010	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	1/13/2011	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	1/22/2011	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	1/23/2011	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	1/26/2011	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	1/27/2011	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	1/28/2011	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	1/31/2011	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	7/15/2011	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	7/16/2011	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	8/3/2011	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	5/15/2014	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	6/4/2014	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	6/8/2014	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/24/2014	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	10/25/2014	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	12/5/2014	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	12/18/2014	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	12/19/2014	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	12/22/2014	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	8/4/2015	16	16	1.62	33.92	9579	59.7530%	TSS	--	0.289	28.3	#VALUE!	52.84646548
5439000	11/15/1925	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	1/8/1926	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	1/30/1926	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	5/9/1926	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/1/1926	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/11/1926	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/31/1926	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/1/1927	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	10/30/1927	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	11/2/1927	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	12/19/1927	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	1/5/1928	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	1/27/1928	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/21/1928	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/25/1928	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	3/4/1928	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	5/10/1928	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	5/25/1928	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	8/11/1928	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	8/31/1928	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/8/1929	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/23/1929	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/24/1929	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	10/23/1929	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	12/10/1929	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/11/1929	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	3/26/1930	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	10/13/1930	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	4/26/1931	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	5/23/1931	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	5/24/1931	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/7/1931	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	5/25/1932	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	1/7/1933	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	1/18/1933	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	1/26/1980	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/21/1980	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/5/1980	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	1/10/1981	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/16/1981	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	4/1/1981	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	4/3/1981	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	9/3/1981	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	9/28/1981	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/12/1983	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	1/10/1984	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/10/1984	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	10/18/1984	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	11/21/1984	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	11/22/1984	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	11/24/1984	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	1/31/1985	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/7/1985	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/9/1985	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/12/1985	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	5/30/1985	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	5/31/1985	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/19/1985	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	10/14/1985	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	10/18/1985	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	1/12/1986	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	1/15/1986	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/15/1986	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	4/25/1986	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	4/26/1986	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	4/28/1986	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	5/7/1986	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/30/1986	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	8/6/1986	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/17/1987	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	6/7/1988	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	6/8/1988	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	11/12/1988	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	11/22/1988	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	12/28/1988	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	4/18/1989	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	4/21/1989	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	4/23/1989	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	8/27/1989	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	11/18/1989	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	11/20/1989	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	9/3/1990	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	11/2/1990	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/6/1991	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	10/5/1991	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	11/4/1991	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	6/7/1992	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	10/8/1992	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	10/9/1992	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/16/1992	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	9/10/1993	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	5/10/1994	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	5/11/1994	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	5/12/1994	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/22/1994	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	8/16/1994	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/18/1995	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/21/1995	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	11/9/1995	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	1/22/1996	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	3/3/1996	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	9/4/1996	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/24/1998	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	9/15/1998	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	12/26/1998	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	12/6/1999	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	3/31/2000	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	4/5/2000	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	4/13/2000	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	4/14/2000	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/25/2000	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	8/11/2000	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	10/11/2000	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	12/9/2000	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	1/16/2001	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	11/8/2001	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	11/9/2001	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	1/5/2002	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	1/6/2002	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	1/9/2002	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/7/2002	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/20/2003	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	6/16/2003	15	15	1.62	32.31	9736	60.7323%	TSS	0.17	0.289	28.3	29.60425829	50.3272391
5439000	7/7/2003	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	12/18/2003	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/15/2004	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	12/1/2004	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	12/14/2004	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	1/27/2005	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/2/2005	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	5/2/2005	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	5/18/2005	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	6/4/2005	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	3/11/2006	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/24/2007	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/25/2007	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	9/27/2007	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	10/1/2007	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	10/3/2007	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	12/18/2007	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	9/5/2008	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/4/2009	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/24/2009	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/20/2009	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	9/4/2009	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/19/2010	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	8/17/2010	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	8/2/2011	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	6/19/2012	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/7/2012	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	2/23/2013	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	7/21/2013	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	5/14/2014	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/28/2014	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	8/4/2014	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	10/23/2014	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	12/8/2014	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	12/20/2014	15	15	1.62	32.31	9736	60.7323%	TSS	--	0.289	28.3	#VALUE!	50.3272391
5439000	11/16/1925	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/17/1926	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	3/30/1926	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	5/10/1926	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	8/5/1926	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	9/3/1926	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	9/4/1926	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	9/14/1926	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	12/30/1926	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	12/31/1926	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/1/1927	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/2/1927	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/10/1927	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/13/1927	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/18/1927	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	3/3/1928	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	5/26/1928	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	5/27/1928	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/17/1928	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	8/12/1928	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	6/9/1929	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	6/10/1929	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	12/18/1929	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	2/9/1931	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	4/14/1931	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	4/20/1931	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	5/25/1931	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/31/1931	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	6/17/1931	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/16/1931	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	5/23/1932	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	5/28/1932	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/9/1933	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	3/12/1933	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	6/13/1933	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	3/4/1980	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/3/1980	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/4/1980	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/12/1980	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/24/1980	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	11/25/1980	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	11/26/1980	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/11/1981	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/13/1981	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	4/9/1981	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/17/1981	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	9/7/1981	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	9/8/1981	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	12/24/1981	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	8/15/1982	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/10/1982	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	2/13/1983	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/29/1983	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	8/5/1983	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	9/18/1983	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/12/1984	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/2/1984	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/3/1984	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/4/1984	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/25/1984	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	2/3/1985	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	2/8/1985	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	2/13/1985	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	5/29/1985	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/16/1985	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	8/14/1985	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/9/1985	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/10/1985	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/14/1986	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	2/16/1986	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	4/24/1986	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	4/29/1986	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	5/10/1986	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/31/1986	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	9/24/1986	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/16/1987	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/17/1987	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/20/1987	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/31/1987	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	2/12/1987	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	2/21/1987	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/27/1987	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/17/1988	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	11/14/1988	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	11/23/1988	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	2/13/1989	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	4/19/1989	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	4/20/1989	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	4/30/1989	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/2/1989	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/14/1989	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/15/1989	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/16/1989	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/22/1989	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	11/23/1989	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	12/3/1989	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	9/4/1990	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/28/1990	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/7/1991	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	9/14/1991	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/29/1991	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	6/15/1992	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	6/18/1992	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/22/1992	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	8/4/1992	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/4/1992	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/5/1992	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/6/1992	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/10/1992	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	5/14/1994	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	5/15/1994	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	5/24/1994	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	8/22/1994	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/26/1995	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/23/1996	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/24/1996	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/25/1996	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	3/30/1996	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	3/31/1996	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	4/1/1996	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	4/2/1996	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	9/28/1996	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/6/1997	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/7/1997	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/9/1997	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	8/18/1997	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/12/1999	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/26/1999	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/12/2000	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/14/2000	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/5/2001	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	11/10/2001	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	11/15/2001	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	11/16/2001	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	12/31/2001	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/4/2002	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/7/2002	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/10/2002	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	8/25/2002	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	6/17/2003	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	6/18/2003	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	6/21/2003	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	12/17/2003	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	12/15/2004	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/3/2005	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	5/3/2005	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	5/29/2005	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	3/19/2006	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/22/2006	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/26/2006	14	14	1.62	30.69	9894	61.7179%	TSS	0.11	0.289	28.3	17.53511885	47.80801272
5439000	10/27/2006	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/7/2007	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	9/28/2007	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/2/2007	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	12/19/2007	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/4/2008	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/21/2009	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/28/2009	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	8/22/2009	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/3/2009	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/15/2009	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/20/2010	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	8/18/2010	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/17/2011	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	8/8/2011	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	8/10/2011	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	8/26/2011	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	12/21/2012	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	1/12/2013	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	11/7/2013	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	11/18/2013	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	7/29/2014	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	8/9/2014	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	8/24/2014	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/4/2014	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	10/26/2014	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	12/6/2014	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	12/21/2014	14	14	1.62	30.69	9894	61.7179%	TSS	--	0.289	28.3	#VALUE!	47.80801272
5439000	12/6/1925	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	12/8/1925	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	2/6/1926	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	3/17/1926	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	5/11/1926	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	5/13/1926	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/12/1926	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	9/11/1926	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	9/12/1926	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/8/1927	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/9/1927	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/12/1927	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/14/1927	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/27/1927	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/31/1927	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	11/1/1927	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	11/3/1927	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	11/4/1927	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	11/5/1927	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	12/20/1927	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	2/4/1928	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	2/5/1928	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	5/11/1928	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	5/12/1928	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	5/16/1928	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	6/17/1928	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/27/1928	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	8/7/1929	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	5/29/1930	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	6/14/1930	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	12/3/1930	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/30/1931	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	4/15/1931	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	4/16/1931	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	4/27/1931	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	5/12/1931	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	5/13/1931	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	5/19/1931	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	5/30/1931	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/1/1931	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	5/24/1932	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/13/1932	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	6/14/1932	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	6/20/1932	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	6/14/1933	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/20/1933	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/27/1980	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	3/13/1980	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/12/1981	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/14/1981	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	4/2/1981	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	4/5/1981	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	8/22/1981	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	9/4/1981	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	12/25/1981	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	12/26/1981	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/30/1983	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/11/1984	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/13/1984	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/16/1984	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/21/1984	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/27/1984	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	2/1/1985	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	2/2/1985	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	2/14/1985	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	2/20/1985	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	6/1/1985	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	6/20/1985	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	6/25/1985	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/13/1986	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	2/17/1986	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	4/22/1986	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	4/23/1986	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/27/1986	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	5/8/1986	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	5/9/1986	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	9/28/1986	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/21/1987	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	2/13/1987	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	2/22/1987	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/1/1987	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/15/1987	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	8/4/1987	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	6/9/1988	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	11/24/1988	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	11/25/1988	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	12/1/1988	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	2/4/1989	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	2/12/1989	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	2/14/1989	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	4/24/1989	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	4/25/1989	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	4/26/1989	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	6/28/1989	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	8/30/1989	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/14/1989	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/23/1989	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	11/19/1989	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	11/25/1989	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/3/1990	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/14/1990	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/15/1990	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	9/5/1990	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	9/8/1990	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/31/1990	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/1/1990	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/6/1991	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	6/8/1992	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	6/9/1992	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	6/14/1992	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	6/16/1992	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/3/1992	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/27/1992	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/28/1992	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/7/1992	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	5/13/1994	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/11/1994	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/19/1995	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/22/1995	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/23/1995	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/24/1995	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	12/18/1995	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/16/1996	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	2/8/1996	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	3/4/1996	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	4/3/1996	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	9/5/1996	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/31/1996	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	9/17/1997	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	12/27/1998	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/25/1999	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/26/2000	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/13/2000	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/15/2000	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/16/2000	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	11/6/2000	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/17/2001	13	13	1.62	29.07	10072	62.8283%	TSS	0.23	0.289	28.3	36.04297874	45.28878633

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/18/2001	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/19/2001	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	9/7/2001	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	11/11/2001	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/1/2002	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/3/2002	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/8/2002	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/13/2002	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/8/2002	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	8/15/2002	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	3/13/2003	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	3/18/2003	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	6/22/2003	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	6/26/2003	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/16/2004	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	5/30/2005	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	6/6/2005	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	4/2/2006	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/7/2006	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/28/2007	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/29/2007	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	2/9/2007	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	2/20/2007	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	9/30/2007	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/4/2007	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/17/2007	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	11/22/2007	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/5/2008	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/31/2008	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/27/2009	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	9/5/2009	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/16/2009	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/21/2010	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	8/19/2010	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/18/2011	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/31/2011	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	8/22/2011	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/1/2011	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	6/20/2012	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/20/2012	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/22/2013	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	7/23/2013	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	1/13/2014	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	2/24/2014	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	5/11/2014	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	8/29/2014	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/27/2014	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	10/28/2014	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	12/10/2014	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	12/15/2014	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	8/5/2015	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	8/11/2015	13	13	1.62	29.07	10072	62.8283%	TSS	--	0.289	28.3	#VALUE!	45.28878633
5439000	12/9/1925	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	8/6/1926	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/11/1927	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/15/1927	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/16/1927	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/17/1927	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	11/6/1927	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	3/1/1928	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	3/2/1928	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	5/13/1928	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	5/14/1928	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	5/28/1928	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/18/1928	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	8/13/1928	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/19/1928	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/20/1928	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/22/1928	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/21/1929	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	8/2/1929	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	5/30/1930	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	5/31/1930	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	6/29/1930	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/16/1930	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/31/1931	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	4/28/1931	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	5/14/1931	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	5/15/1931	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	6/1/1931	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	5/29/1932	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/8/1933	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	3/10/1933	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	3/11/1933	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	6/15/1933	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/28/1980	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/29/1980	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	3/3/1980	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	3/7/1980	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/6/1980	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/7/1980	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	8/7/1980	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/15/1981	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/19/1981	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/20/1981	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	4/6/1981	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/8/1981	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	4/10/1981	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	4/11/1981	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/18/1981	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	9/9/1981	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	12/27/1981	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	8/16/1982	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/22/1982	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/31/1983	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	9/6/1983	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	11/1/1983	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/14/1984	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/15/1984	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/17/1984	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/19/1984	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/5/1984	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	2/15/1985	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	2/16/1985	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	2/17/1985	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	2/18/1985	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	6/2/1985	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	6/3/1985	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	6/5/1985	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	6/26/1985	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/17/1985	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	8/2/1985	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/15/1985	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	8/1/1986	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	9/25/1986	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/22/1987	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/23/1987	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/30/1987	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/18/1987	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	12/2/1988	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	12/29/1988	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	2/5/1989	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	2/15/1989	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	4/27/1989	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	5/5/1989	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/13/1989	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/18/1989	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/19/1989	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/25/1989	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/29/1989	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	11/14/1989	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	11/21/1989	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	11/24/1989	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	9/6/1990	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/9/1990	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/29/1990	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/30/1990	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	11/3/1990	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	6/10/1992	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	6/11/1992	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	6/12/1992	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	6/13/1992	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/5/1992	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/11/1992	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/12/1992	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/17/1992	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	5/16/1994	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	5/23/1994	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/23/1994	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	9/25/1994	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/12/1994	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/28/1995	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/27/1995	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	12/19/1995	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	3/12/1996	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	9/6/1996	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	9/9/1996	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	11/30/1996	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/25/1998	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	12/28/1998	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/13/1999	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/7/1999	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/27/2000	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	8/4/2000	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	9/14/2000	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	9/26/2000	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/17/2000	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/18/2000	12	12	1.62	27.45	10261	64.0072%	TSS	0.10	0.289	28.3	14.79915569	42.76955995
5439000	10/19/2000	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/20/2000	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/26/2000	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/27/2000	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	11/3/2000	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	11/4/2000	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	12/11/2000	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/14/2001	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/20/2001	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/6/2001	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/7/2001	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/12/2001	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/17/2001	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	11/13/2001	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/2/2002	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/11/2002	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/12/2002	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/14/2002	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	2/1/2002	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/9/2002	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	6/23/2003	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/16/2003	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/17/2004	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/18/2004	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	12/2/2004	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	5/4/2005	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	5/5/2005	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	5/6/2005	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	5/7/2005	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/2/2006	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	3/20/2006	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	3/21/2006	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	9/23/2006	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/17/2006	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/29/2006	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	11/10/2006	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	8/3/2007	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	9/29/2007	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/14/2007	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/15/2007	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/20/2007	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	12/3/2007	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/9/2008	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/28/2009	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/31/2009	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/29/2009	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/9/2009	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	9/6/2009	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/4/2009	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/17/2009	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/21/2009	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	8/20/2010	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	9/3/2010	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	11/30/2010	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	2/1/2011	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	2/12/2011	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/19/2011	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	8/13/2011	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/13/2011	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	11/4/2011	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	10/15/2012	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	2/3/2013	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	2/9/2013	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	2/24/2013	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	1/14/2014	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	6/5/2014	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	7/30/2014	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	9/6/2014	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	12/7/2014	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	12/11/2014	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	12/23/2014	12	12	1.62	27.45	10261	64.0072%	TSS	--	0.289	28.3	#VALUE!	42.76955995
5439000	11/17/1925	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/7/1926	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	3/15/1926	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	3/16/1926	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	5/19/1926	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/13/1926	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	9/13/1926	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/28/1927	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/3/1927	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/4/1927	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	12/21/1927	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/28/1928	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/6/1928	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/28/1928	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/29/1928	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	5/29/1928	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/14/1928	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	9/16/1928	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/18/1928	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/28/1928	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/9/1929	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/10/1929	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/11/1929	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/12/1929	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/13/1929	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/14/1929	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/15/1929	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/16/1929	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/17/1929	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/22/1929	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/22/1929	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/29/1929	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/22/1929	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/1/1930	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/7/1930	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/31/1930	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/14/1930	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	12/4/1930	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/1/1931	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/4/1931	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	3/14/1931	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	3/15/1931	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	4/17/1931	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	4/18/1931	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	4/19/1931	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	5/11/1931	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	5/26/1931	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/18/1931	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/8/1931	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/17/1931	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	5/30/1932	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/5/1932	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/27/1932	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/9/1932	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/11/1932	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	9/14/1932	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/16/1933	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/21/1933	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/30/1980	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/10/1980	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/20/1980	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	3/8/1980	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	3/9/1980	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	3/14/1980	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/13/1980	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/25/1980	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/16/1981	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/17/1981	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/18/1981	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/21/1981	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/22/1981	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/7/1981	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/19/1981	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/28/1981	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/23/1981	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	12/28/1981	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/4/1982	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/17/1982	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	9/19/1983	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/24/1983	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/18/1984	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/20/1984	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/21/1984	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/6/1984	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/19/1985	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/4/1985	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/6/1985	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/9/1985	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/11/1985	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/18/1985	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/4/1985	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/11/1985	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/2/1986	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/24/1987	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/25/1987	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/26/1987	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/27/1987	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/2/1987	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/13/1987	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/10/1988	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/11/1988	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/12/1988	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/13/1988	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/11/1988	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	11/4/1988	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	11/11/1988	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	12/3/1988	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/6/1989	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/11/1989	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/27/1989	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	5/1/1989	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	5/2/1989	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	5/3/1989	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	5/4/1989	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	5/15/1989	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	5/16/1989	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/24/1989	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/30/1989	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	11/5/1989	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	11/7/1989	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	11/27/1989	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	11/28/1989	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	9/9/1990	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/22/1991	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	9/5/1991	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/19/1992	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/5/1992	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/21/1992	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	5/25/1994	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/22/1994	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/1/1994	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/17/1994	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/18/1994	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/26/1994	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/13/1994	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/25/1995	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/19/1995	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/7/1995	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	12/20/1995	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	12/21/1995	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/15/1996	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	3/5/1996	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	3/6/1996	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	3/13/1996	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	9/7/1996	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/10/1997	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/16/1997	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/8/1998	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	12/29/1998	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/20/1999	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/14/1999	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/8/1999	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/12/2000	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/21/2000	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/22/2000	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/24/2000	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/25/2000	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/28/2000	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	12/17/2000	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/21/2001	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/8/2001	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/18/2001	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	11/12/2001	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	11/17/2001	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	11/18/2001	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	11/19/2001	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	11/20/2001	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/15/2002	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/23/2002	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/24/2002	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/9/2002	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/10/2002	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/11/2002	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	3/12/2003	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	3/19/2003	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/24/2003	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/25/2003	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/27/2003	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/28/2003	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/29/2003	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/5/2003	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	12/19/2003	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/22/2004	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/30/2004	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	12/16/2004	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	12/31/2004	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/4/2005	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	5/8/2005	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	5/9/2005	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	5/10/2005	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	5/31/2005	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/1/2005	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/7/2005	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	3/31/2006	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/11/2006	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/28/2006	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	1/30/2007	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/6/2007	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/8/2007	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/10/2007	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/11/2007	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/18/2007	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/19/2007	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/21/2007	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/22/2007	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/23/2007	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/5/2007	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/6/2007	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/7/2007	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/8/2007	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/9/2007	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/12/2007	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/6/2008	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/5/2009	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/30/2009	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	9/7/2009	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/18/2009	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/19/2009	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/20/2009	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/22/2010	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/21/2010	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/20/2011	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/1/2011	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/2/2011	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/24/2011	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	11/5/2011	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	6/21/2012	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/27/2013	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	2/28/2013	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	7/24/2013	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/23/2013	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/7/2014	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/10/2014	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	9/14/2014	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	10/29/2014	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	12/12/2014	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	12/24/2014	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	12/25/2014	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	12/26/2014	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	12/27/2014	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	12/28/2014	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	8/6/2015	11	11	1.62	25.84	10458	65.2361%	TSS	--	0.289	28.3	#VALUE!	40.25033357
5439000	12/5/1925	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	5/16/1926	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	5/20/1926	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	1/26/1927	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	11/11/1927	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	5/15/1928	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	6/18/1928	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	9/1/1928	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/19/1929	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/20/1929	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/21/1929	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/22/1929	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/23/1929	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/24/1929	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/25/1929	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/26/1929	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/27/1929	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	6/2/1930	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	6/6/1930	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	6/8/1930	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/5/1930	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/6/1930	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/7/1930	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/10/1930	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/11/1930	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/12/1930	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/8/1931	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	4/29/1931	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	6/2/1931	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	5/31/1932	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	6/1/1932	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	6/21/1932	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	10/27/1932	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	11/8/1932	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	6/17/1933	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	1/31/1980	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/8/1980	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/9/1980	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/11/1980	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/12/1980	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/13/1980	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/14/1980	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/15/1980	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/16/1980	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/19/1980	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	3/2/1980	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	3/10/1980	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	7/8/1980	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	7/18/1980	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	7/26/1980	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	7/27/1980	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	1/23/1981	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	1/25/1981	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/26/1981	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	1/27/1981	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	7/20/1981	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	8/24/1981	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	9/5/1981	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/29/1981	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	1/22/1984	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	7/20/1985	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	7/26/1985	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	9/21/1986	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	1/27/1987	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	1/28/1987	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	1/29/1987	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/16/1987	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/19/1987	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/20/1987	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	7/3/1987	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	6/14/1988	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/27/1988	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/7/1989	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/16/1989	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/20/1989	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/21/1989	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/22/1989	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/26/1989	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	5/18/1989	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	6/29/1989	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	10/31/1989	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	11/26/1989	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/5/1989	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	7/8/1991	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	7/12/1992	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/15/1992	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	10/22/1992	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	5/17/1994	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	5/26/1994	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	8/23/1994	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	7/27/1995	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/22/1995	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	1/12/1996	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	1/13/1996	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	3/7/1996	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	10/6/1998	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/30/1998	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/7/1999	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	7/28/2000	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	8/13/2000	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	8/18/2000	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	9/27/2000	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	10/23/2000	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	11/2/2000	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/12/2000	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/16/2000	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	1/11/2001	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	1/12/2001	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	1/13/2001	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	7/9/2001	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	10/5/2001	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	11/21/2001	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	11/23/2001	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	1/25/2002	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/2/2002	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/8/2002	10	10	1.62	24.22	10700	66.7457%	TSS	0.08	0.289	28.3	10.44459715	37.73110719
5439000	12/17/2004	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/2/2005	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	6/3/2005	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	6/8/2005	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	1/31/2006	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	3/22/2006	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	3/28/2006	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	7/8/2006	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	11/28/2006	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	10/10/2007	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	10/13/2007	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/4/2007	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	7/31/2009	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	9/8/2009	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	10/9/2009	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	10/10/2009	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/2/2011	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/11/2011	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	8/4/2011	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	8/11/2011	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	8/14/2011	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	8/27/2011	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	10/14/2011	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	11/6/2011	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	11/7/2011	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	6/22/2012	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	9/17/2012	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	10/23/2012	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	2/5/2013	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	3/9/2013	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	8/24/2013	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	1/12/2014	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	6/6/2014	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/31/2014	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/29/2014	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	12/30/2014	10	10	1.62	24.22	10700	66.7457%	TSS	--	0.289	28.3	#VALUE!	37.73110719
5439000	8/7/1926	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	8/29/1926	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	7/13/1930	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	10/15/1930	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	2/1/1980	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	1/3/1982	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	5/6/1989	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	5/13/1989	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	7/15/1989	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	10/26/1989	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	11/4/1989	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	11/22/1989	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	7/6/1992	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	7/11/1997	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	12/31/1998	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	10/29/2000	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	1/22/2001	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	9/25/2001	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	11/19/2004	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	6/9/2005	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	10/11/2007	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	9/5/2012	9.9	9.9	1.62	24.06	10852	67.6938%	TSS	--	0.289	28.3	#VALUE!	37.47918455
5439000	7/5/1927	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	7/8/1927	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	7/9/1927	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	5/10/1931	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	5/16/1931	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	5/27/1931	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	7/9/1931	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/10/1932	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	2/18/1980	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	8/26/1981	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	1/5/1982	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	8/1/1983	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	6/7/1985	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	6/8/1985	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	2/19/1989	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	2/28/1989	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	5/10/1989	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	10/13/1992	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	10/18/1992	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	10/14/1994	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	10/15/1994	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	1/11/1996	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	1/14/1996	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	7/29/2000	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	7/30/2000	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	12/15/2000	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	7/19/2004	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	10/26/2010	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	8/7/2011	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	10/5/2014	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	8/7/2015	9.8	9.8	1.62	23.90	10874	67.8311%	TSS	--	0.289	28.3	#VALUE!	37.22726191
5439000	11/7/1927	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	11/9/1927	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	11/12/1927	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	11/13/1927	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	8/15/1928	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	2/2/1980	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	5/14/1989	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	11/5/1991	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/18/1994	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	5/21/1994	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	4/4/2003	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	12/3/2004	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	12/5/2004	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	11/13/2006	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	7/8/2007	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	10/27/2007	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	10/5/2009	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	7/21/2011	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	10/3/2011	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	7/8/2012	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	7/26/2013	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	8/30/2014	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	12/14/2014	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	12/31/2014	9.7	9.7	1.62	23.73	10905	68.0245%	TSS	--	0.289	28.3	#VALUE!	36.97533927
5439000	2/7/1980	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	7/14/1980	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	7/19/1985	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	7/30/1987	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	12/6/1988	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	2/8/1989	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	10/19/1992	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	7/24/1994	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	3/14/1996	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	9/10/1996	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	1/16/1999	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	1/17/1999	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	1/18/1999	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	1/19/1999	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	10/31/2000	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	12/14/2000	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/18/2000	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	1/23/2001	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	1/24/2001	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	1/21/2002	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	1/26/2002	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	2/3/2002	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	12/28/2003	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	9/18/2006	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	10/21/2007	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	9/9/2009	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	6/23/2012	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	8/25/2014	9.6	9.6	1.62	23.57	10929	68.1742%	TSS	--	0.289	28.3	#VALUE!	36.72341663
5439000	11/18/1925	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	12/11/1925	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	1/23/1926	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	2/8/1926	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	4/3/1926	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	5/12/1926	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	5/14/1926	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	5/21/1926	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	5/22/1926	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	9/30/1930	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	12/13/1930	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	4/30/1931	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	6/2/1932	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	6/3/1932	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	2/3/1980	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	8/8/1980	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	1/24/1981	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	2/1/1981	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	7/26/1981	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	1/23/1984	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/26/1984	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	8/18/1984	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	10/22/1984	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	9/15/1991	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	10/20/1992	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	5/20/1994	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	5/22/1994	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	1/1/1996	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	2/20/1996	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	3/8/1996	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	4/12/1996	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	1/1/1999	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	1/8/1999	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	1/9/1999	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	1/10/1999	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	1/11/1999	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	1/12/1999	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	1/13/1999	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	1/14/1999	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	1/15/1999	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	7/15/1999	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	7/17/1999	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	10/30/2000	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	12/13/2000	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	1/8/2001	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	11/22/2001	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	1/22/2002	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	1/31/2002	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	10/30/2006	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	11/12/2006	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	8/1/2008	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	8/23/2009	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/22/2010	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	2/6/2011	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	8/13/2014	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	1/1/2015	9.5	9.5	1.62	23.41	10957	68.3488%	TSS	--	0.289	28.3	#VALUE!	36.471494
5439000	1/24/1927	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	1/25/1927	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	9/30/1927	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	7/23/1929	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	8/8/1929	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	2/17/1980	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	9/10/1981	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	12/31/1981	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	1/2/1982	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	10/23/1982	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	8/2/1983	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	1/25/1984	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	7/12/1984	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	2/17/1989	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	2/18/1989	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	9/10/1990	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	10/14/1992	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	10/16/1994	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	12/31/1995	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	4/13/1996	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	4/14/1996	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	11/1/2000	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	1/7/2001	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	7/25/2013	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	11/8/2013	9.4	9.4	1.62	23.25	11013	68.6981%	TSS	--	0.289	28.3	#VALUE!	36.21957136
5439000	1/24/1984	9.3	9.3	1.62	23.09	11038	68.8541%	TSS	--	0.289	28.3	#VALUE!	35.96764872
5439000	7/21/1985	9.3	9.3	1.62	23.09	11038	68.8541%	TSS	--	0.289	28.3	#VALUE!	35.96764872
5439000	8/8/1987	9.3	9.3	1.62	23.09	11038	68.8541%	TSS	--	0.289	28.3	#VALUE!	35.96764872

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/4/1988	9.3	9.3	1.62	23.09	11038	68.8541%	TSS	--	0.289	28.3	#VALUE!	35.96764872
5439000	6/20/1992	9.3	9.3	1.62	23.09	11038	68.8541%	TSS	--	0.289	28.3	#VALUE!	35.96764872
5439000	10/24/1992	9.3	9.3	1.62	23.09	11038	68.8541%	TSS	--	0.289	28.3	#VALUE!	35.96764872
5439000	8/2/1994	9.3	9.3	1.62	23.09	11038	68.8541%	TSS	--	0.289	28.3	#VALUE!	35.96764872
5439000	10/24/1995	9.3	9.3	1.62	23.09	11038	68.8541%	TSS	--	0.289	28.3	#VALUE!	35.96764872
5439000	12/23/1995	9.3	9.3	1.62	23.09	11038	68.8541%	TSS	--	0.289	28.3	#VALUE!	35.96764872
5439000	7/26/1998	9.3	9.3	1.62	23.09	11038	68.8541%	TSS	--	0.289	28.3	#VALUE!	35.96764872
5439000	1/9/2001	9.3	9.3	1.62	23.09	11038	68.8541%	TSS	--	0.289	28.3	#VALUE!	35.96764872
5439000	8/1/2009	9.3	9.3	1.62	23.09	11038	68.8541%	TSS	--	0.289	28.3	#VALUE!	35.96764872
5439000	8/10/2009	9.3	9.3	1.62	23.09	11038	68.8541%	TSS	--	0.289	28.3	#VALUE!	35.96764872
5439000	10/11/2009	9.3	9.3	1.62	23.09	11038	68.8541%	TSS	--	0.289	28.3	#VALUE!	35.96764872
5439000	7/20/2012	9.3	9.3	1.62	23.09	11038	68.8541%	TSS	--	0.289	28.3	#VALUE!	35.96764872
5439000	3/1/2013	9.3	9.3	1.62	23.09	11038	68.8541%	TSS	--	0.289	28.3	#VALUE!	35.96764872
5439000	6/30/1930	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	9/2/1930	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	2/2/1931	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	2/6/1931	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	2/7/1931	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	3/13/1931	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	5/1/1931	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	5/8/1931	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	5/9/1931	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	6/19/1931	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	2/4/1980	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	2/6/1980	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	1/27/1984	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	8/14/1986	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	8/5/1987	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	6/15/1988	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	2/9/1989	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	10/27/1989	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	10/7/1991	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/13/1992	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	7/29/1992	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	2/21/1996	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	4/4/1996	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	7/19/1999	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	1/27/2002	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	4/5/2003	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	6/10/2005	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	8/7/2008	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	1/29/2009	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	2/3/2009	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	8/2/2009	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	10/6/2009	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	9/1/2013	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	8/3/2014	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	11/5/2014	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	12/13/2014	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	1/2/2015	9.2	9.2	1.62	22.93	11054	68.9539%	TSS	--	0.289	28.3	#VALUE!	35.71572608
5439000	7/14/1926	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	8/30/1926	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	9/1/1926	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	11/23/1979	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	7/28/1980	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	1/30/1981	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	1/31/1981	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	7/21/1981	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	8/5/1981	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	11/2/1983	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	11/9/1988	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	10/28/1989	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	11/2/1989	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	10/25/1992	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/19/1994	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	12/27/1995	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	12/30/1995	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	12/1/1996	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	1/7/1999	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	8/14/2000	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	1/10/2001	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	1/25/2001	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	1/28/2002	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	7/21/2003	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	12/4/2004	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	1/31/2007	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	2/1/2007	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	2/2/2007	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	2/12/2007	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	2/14/2007	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	2/16/2007	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	2/17/2007	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	9/4/2010	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	10/15/2011	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	10/16/2011	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	1/15/2014	9.1	9.1	1.62	22.76	11091	69.1847%	TSS	--	0.289	28.3	#VALUE!	35.46380344
5439000	7/6/1927	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	12/22/1927	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	12/27/1927	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	1/29/1928	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	2/26/1928	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	2/27/1928	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	2/21/1929	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	1/16/1933	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	1/17/1933	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	7/22/1933	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/5/1980	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	7/19/1980	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	1/28/1981	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	2/2/1981	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	2/3/1981	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	7/27/1981	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	12/30/1981	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	1/1/1982	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	8/18/1982	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	9/17/1982	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	8/6/1983	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	2/11/1984	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	2/23/1989	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	5/9/1989	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	7/3/1989	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	11/7/1991	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	7/4/1992	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	12/28/1995	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	12/29/1995	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	1/10/1996	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	1/27/1996	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	1/2/1999	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	7/27/1999	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	12/19/2000	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	12/20/2000	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	1/4/2001	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	1/5/2001	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	1/6/2001	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	1/27/2001	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	1/16/2002	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	2/4/2002	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	7/20/2004	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/6/2006	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	2/5/2011	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	2/7/2011	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	2/25/2013	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	2/26/2013	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	6/9/2014	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	6/10/2014	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	11/11/2014	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	1/3/2015	9	9	1.62	22.60	11127	69.4093%	TSS	--	0.289	28.3	#VALUE!	35.21188081
5439000	11/8/1927	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	11/10/1927	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	5/30/1928	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	8/7/1986	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	5/7/1989	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	6/30/1989	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	11/8/1989	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	11/9/1989	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	12/6/1989	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	10/23/1992	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	5/27/1994	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	10/17/1994	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	1/2/1996	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	1/28/1996	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	2/19/1996	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	10/14/1999	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	12/21/2000	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	7/10/2001	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	9/9/2001	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	2/7/2002	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	7/12/2002	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	4/17/2003	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	6/30/2003	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/22/2007	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	10/30/2014	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	11/4/2014	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	1/4/2015	8.9	8.9	1.62	22.44	11178	69.7274%	TSS	--	0.289	28.3	#VALUE!	34.95995817
5439000	6/3/1930	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	12/8/1930	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	10/25/1931	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	10/26/1932	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	7/15/1980	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	12/7/1988	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	2/10/1989	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	12/7/1989	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	9/11/1990	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	5/28/1994	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	2/7/1996	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	3/9/1996	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	10/27/1997	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	12/22/2000	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	12/23/2000	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	1/20/2002	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	1/29/2002	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	1/30/2002	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	10/23/2007	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	11/23/2007	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	10/12/2009	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	1/5/2015	8.8	8.8	1.62	22.28	11205	69.8958%	TSS	--	0.289	28.3	#VALUE!	34.70803553
5439000	11/13/1925	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	12/10/1925	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	12/12/1925	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	5/15/1926	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	5/18/1926	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	5/23/1926	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/2/1931	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	5/6/1931	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	5/18/1931	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	5/29/1931	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	6/18/1933	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	8/6/1985	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	8/15/1985	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	10/16/1985	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	5/8/1989	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	11/10/1989	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	7/7/1992	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	1/26/1996	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	2/22/1996	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	12/24/2000	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	1/3/2001	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	1/28/2001	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	9/10/2009	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	2/8/2011	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	10/4/2011	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	1/6/2015	8.7	8.7	1.62	22.12	11227	70.0331%	TSS	--	0.289	28.3	#VALUE!	34.45611289
5439000	12/29/1926	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	7/12/1927	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	7/24/1929	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	7/30/1929	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	7/10/1931	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	1/29/1981	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	7/22/1981	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	8/2/1981	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	8/27/1981	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	9/6/1981	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	12/5/1988	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	7/1/1989	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/6/1992	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	10/21/1994	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	1/29/1996	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	11/26/1996	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	10/9/1999	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	12/28/2000	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	12/29/2000	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	12/30/2000	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	12/31/2000	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	1/1/2001	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	1/2/2001	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	1/17/2002	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	12/22/2003	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	1/1/2005	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	3/24/2006	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	10/26/2007	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	6/24/2012	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	7/1/2012	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	10/22/2012	8.6	8.6	1.62	21.96	11253	70.1952%	TSS	--	0.289	28.3	#VALUE!	34.20419025
5439000	3/6/1928	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	6/6/1928	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	7/9/1930	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	12/9/1930	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	2/5/1931	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	2/4/1981	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	8/19/1982	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	2/23/1987	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	12/30/1988	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	5/12/1989	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	9/22/1990	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	5/29/1994	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	10/22/1994	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/23/1994	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	12/8/1999	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	1/26/2001	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	10/14/2003	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	7/9/2006	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	8/4/2007	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	2/3/2011	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	2/4/2011	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	2/9/2011	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	2/10/2011	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	1/7/2015	8.5	8.5	1.62	21.79	11284	70.3886%	TSS	--	0.289	28.3	#VALUE!	33.95226761
5439000	5/3/1931	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	5/28/1931	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	6/3/1931	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	11/24/1979	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	7/20/1980	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	1/6/1982	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	7/7/1984	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	9/22/1986	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	11/6/1991	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	10/26/1992	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	10/27/1992	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	10/18/1994	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	12/24/1995	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	1/3/1996	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	1/9/1996	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	9/11/1996	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	10/3/1998	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	9/28/2000	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	2/5/2002	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	8/16/2002	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	4/7/2003	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/11/2005	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	8/3/2009	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	10/6/2011	8.4	8.4	1.62	21.63	11308	70.5383%	TSS	--	0.289	28.3	#VALUE!	33.70034498
5439000	7/15/1926	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	8/8/1926	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	8/31/1926	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	9/2/1926	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	8/25/1981	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	1/28/1984	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	6/17/1988	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	12/1/1989	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	1/2/1990	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	9/26/1994	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	10/20/1994	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	12/26/1995	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	4/5/1996	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	10/23/1996	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	7/27/1998	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	1/3/1999	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	10/15/1999	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	12/25/2000	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	12/27/2000	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	3/23/2006	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	10/1/2009	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	3/2/2013	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	11/19/2013	8.3	8.3	1.62	21.47	11332	70.6880%	TSS	--	0.289	28.3	#VALUE!	33.44842234
5439000	1/19/1927	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	7/11/1927	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	6/9/1930	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	1/25/1931	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	7/12/1932	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	8/6/1981	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/17/1989	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	6/24/1992	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	10/28/1992	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	10/19/1994	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	7/16/1999	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	8/25/1999	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	10/21/2001	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	1/18/2002	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	7/6/2003	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	12/23/2003	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	11/4/2004	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	6/11/2005	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	4/1/2006	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	9/22/2009	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	10/13/2009	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	3/3/2013	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	1/8/2015	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	8/8/2015	8.2	8.2	1.62	21.31	11355	70.8315%	TSS	--	0.289	28.3	#VALUE!	33.1964997
5439000	6/1/1928	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	8/16/1928	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	8/17/1928	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	8/18/1928	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	10/29/1928	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	5/4/1931	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	10/18/1931	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	11/11/1931	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	8/3/1983	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	9/22/1983	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	7/4/1987	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	11/6/1989	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	6/25/1992	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	10/29/1992	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/24/1994	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	10/29/1994	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	2/23/1996	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	4/11/1996	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	12/26/2000	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	9/22/2001	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	10/19/2001	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	1/19/2002	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	2/6/2002	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	12/18/2002	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	9/8/2008	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	9/18/2012	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	10/31/2014	8.1	8.1	1.62	21.15	11379	70.9812%	TSS	--	0.289	28.3	#VALUE!	32.94457706
5439000	2/5/1981	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	2/15/1981	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	7/25/1981	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	11/9/1983	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	7/8/1984	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	6/12/1985	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	8/3/1986	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	1/9/1989	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	2/24/1989	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	2/25/1989	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	3/1/1989	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	5/11/1989	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	12/4/1989	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	10/4/1991	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	7/14/1992	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	10/31/1992	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	5/30/1994	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	7/25/1994	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	7/29/1995	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/25/1995	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	1/4/1996	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	1/8/1996	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	7/18/1997	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	7/28/1998	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	10/7/1998	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	1/6/1999	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	11/11/1999	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	4/8/2003	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	7/23/2003	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	12/18/2004	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	11/28/2005	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	10/7/2009	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	10/23/2010	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	2/4/2013	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	11/1/2014	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	11/6/2014	8	8	1.62	20.99	11406	71.1496%	TSS	--	0.289	28.3	#VALUE!	32.69265442
5439000	12/4/1925	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	1/9/1926	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	4/1/1926	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	5/17/1926	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	5/30/1926	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	6/4/1932	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	6/22/1932	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	7/23/1981	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	8/3/1985	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	12/23/1988	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	11/8/1991	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	6/21/1992	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	9/12/1996	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	7/12/1997	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	7/17/2003	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/7/2005	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	1/28/2006	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	7/10/2006	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	10/2/2006	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	10/24/2007	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	12/30/2010	7.9	7.9	1.62	20.82	11442	71.3742%	TSS	--	0.289	28.3	#VALUE!	32.44073178
5439000	8/11/1929	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	7/1/1930	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	12/14/1930	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	2/3/1931	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	5/7/1931	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	5/17/1931	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	10/27/1931	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	2/6/1981	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	7/29/1981	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	8/9/1987	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	11/30/1989	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	6/23/1992	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	8/8/1992	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	3/10/1996	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	3/11/1996	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	11/6/1997	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	3/25/2006	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	7/12/2006	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	11/14/2006	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	11/29/2007	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	10/14/2009	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	3/8/2013	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	8/26/2014	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	9/7/2014	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	11/7/2014	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915
5439000	1/9/2015	7.8	7.8	1.62	20.66	11463	71.5052%	TSS	--	0.289	28.3	#VALUE!	32.18880915

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/1/1927	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	9/11/1981	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	2/18/1982	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	8/20/1982	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	10/29/1982	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	9/13/1984	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	8/8/1986	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	6/16/1988	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	7/4/1989	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	9/12/1990	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	10/26/1994	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	1/5/1996	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	1/6/1996	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	1/7/1996	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	10/10/1999	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	12/9/1999	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	12/15/1999	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	3/25/2003	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	11/19/2003	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	12/29/2003	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	7/23/2004	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	6/12/2005	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	8/11/2009	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	10/17/2011	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	11/9/2014	7.7	7.7	1.62	20.50	11489	71.6674%	TSS	--	0.289	28.3	#VALUE!	31.93688651
5439000	6/10/1930	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	5/5/1931	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	10/26/1931	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	10/28/1931	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	11/25/1979	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	2/7/1981	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	7/22/1985	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/4/1985	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	7/6/1987	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	7/11/1987	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	6/18/1988	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	7/16/1989	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	8/24/1994	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	10/30/1994	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	2/26/1996	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	9/13/1996	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	12/2/1996	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	7/13/2002	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	12/10/2007	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	9/11/2009	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	10/5/2011	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	10/20/2011	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	8/14/2014	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	11/3/2014	7.6	7.6	1.62	20.34	11514	71.8233%	TSS	--	0.289	28.3	#VALUE!	31.68496387
5439000	12/13/1925	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	2/9/1926	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	8/12/1926	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	2/8/1981	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	2/14/1981	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	8/6/1987	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	11/1/1989	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	11/11/1989	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	7/8/1992	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	10/30/1992	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	6/8/1994	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	2/16/1996	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	2/18/1996	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	9/29/1996	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	9/16/1998	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/4/1999	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	8/19/2000	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	9/13/2000	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	12/21/2003	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	1/5/2005	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	6/13/2005	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	11/24/2007	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	12/1/2007	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	8/4/2009	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	8/24/2009	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	8/5/2011	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	8/28/2011	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	1/13/2013	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	7/27/2013	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	1/11/2014	7.5	7.5	1.62	20.18	11538	71.9731%	TSS	--	0.289	28.3	#VALUE!	31.43304123
5439000	1/23/1927	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	7/10/1927	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	7/17/1927	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	1/15/1933	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	7/23/1933	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	10/2/1979	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	7/29/1980	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	2/9/1981	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	8/3/1981	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	10/20/1983	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	10/25/1983	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	11/3/1983	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	11/4/1983	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	11/19/1983	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	7/9/1984	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	8/10/1985	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	12/14/1988	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/3/1989	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	7/23/1991	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	8/12/1991	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	10/8/1991	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	6/9/1994	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	6/13/1994	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	7/18/1999	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	10/11/1999	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	10/16/1999	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	12/10/1999	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	7/11/2001	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	3/21/2003	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	8/12/2005	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	11/25/2007	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	11/26/2007	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	8/23/2010	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	8/12/2011	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	9/8/2014	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	11/12/2014	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	1/10/2015	7.4	7.4	1.62	20.02	11568	72.1602%	TSS	--	0.289	28.3	#VALUE!	31.18111859
5439000	10/21/1928	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	10/30/1928	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	7/11/1931	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	11/12/1931	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	2/19/1982	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	10/24/1982	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	1/29/1984	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	2/3/1984	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	3/2/1989	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	7/9/1991	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	5/31/1994	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	10/25/1994	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/24/1996	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	3/15/1996	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	4/6/1996	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	11/7/1996	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	8/9/1998	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	8/15/2000	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	0.09	0.289	28.3	9.631929536	30.92919595
5439000	10/20/2001	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	4/9/2003	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	7/1/2003	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	12/9/2003	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	1/6/2005	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	3/29/2006	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	2/3/2007	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	2/4/2007	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	2/7/2007	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	2/13/2007	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	2/15/2007	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	10/25/2007	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	8/2/2008	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	10/27/2010	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	10/25/2011	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	11/17/2014	7.3	7.3	1.62	19.85	11605	72.3910%	TSS	--	0.289	28.3	#VALUE!	30.92919595
5439000	11/19/1925	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	4/2/1926	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	5/24/1926	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	5/25/1926	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	5/26/1926	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	5/27/1926	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	5/31/1926	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	6/1/1926	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	7/2/1930	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	9/3/1930	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/22/1930	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	2/10/1931	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	6/28/1932	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	7/3/1932	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	12/22/1932	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	2/10/1981	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	2/2/1984	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	2/4/1984	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	7/5/1987	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	12/22/1988	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	11/12/1989	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	11/13/1989	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	10/3/2000	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	8/2/2003	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	6/14/2005	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	9/22/2006	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	10/31/2006	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	11/27/2007	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	11/9/2013	7.2	7.2	1.62	19.69	11639	72.6031%	TSS	--	0.289	28.3	#VALUE!	30.67727332
5439000	11/15/1979	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	8/9/1981	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	8/10/1981	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	10/23/1984	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	8/4/1986	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	8/9/1986	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	8/7/1987	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	10/23/1988	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	8/11/1991	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	8/13/1991	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	6/26/1992	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	8/7/1992	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	8/4/1994	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/7/1996	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	4/8/1996	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	9/14/1996	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	12/4/1996	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	10/1/2000	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	9/12/2006	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	11/30/2007	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	10/21/2011	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	10/21/2012	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	7/28/2013	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	11/2/2014	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	11/8/2014	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	11/22/2014	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	1/11/2015	7.1	7.1	1.62	19.53	11668	72.7840%	TSS	--	0.289	28.3	#VALUE!	30.42535068
5439000	7/15/1927	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	7/16/1927	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	12/23/1927	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	12/24/1927	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	12/25/1927	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	12/26/1927	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	1/30/1928	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	1/31/1928	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	2/1/1928	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	6/20/1931	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	2/11/1981	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	2/12/1981	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	2/13/1981	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	7/24/1981	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	9/12/1981	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	1/7/1982	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	2/10/1984	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	8/5/1985	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/26/1986	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	12/8/1988	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	12/2/1989	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	8/20/1995	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	4/9/1996	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	11/1/1996	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	7/28/1999	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	7/4/2003	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	10/28/2007	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	12/5/2007	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	10/8/2009	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	9/5/2010	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	2/25/2014	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	9/15/2014	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	1/12/2015	7	7	1.62	19.37	11695	72.9524%	TSS	--	0.289	28.3	#VALUE!	30.17342804
5439000	7/16/1926	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	8/9/1926	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	8/10/1926	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	8/13/1926	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	3/7/1928	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	6/2/1928	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	9/2/1928	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	9/4/1928	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	10/31/1928	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	11/2/1928	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	2/18/1929	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	2/19/1929	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	2/20/1929	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	6/4/1930	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	6/5/1930	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	6/11/1930	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	6/12/1930	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/13/1930	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	6/15/1930	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	6/16/1930	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	6/26/1932	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	10/28/1932	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	10/11/1982	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	2/1/1984	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	9/12/1986	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	7/7/1987	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	6/19/1988	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	7/26/1994	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	10/27/1994	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	10/31/1995	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	12/3/1996	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	7/29/1998	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	12/16/1999	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	8/6/2002	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	8/26/2002	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	4/10/2003	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	7/3/2003	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	7/13/2006	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	10/12/2011	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	6/25/2012	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	1/16/2014	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	1/13/2015	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	1/14/2015	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	1/15/2015	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	8/9/2015	6.9	6.9	1.62	19.21	11728	73.1583%	TSS	--	0.289	28.3	#VALUE!	29.9215054
5439000	6/4/1931	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	1/14/1933	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	6/19/1933	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	7/24/1933	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/30/1984	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	2/5/1984	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	6/13/1985	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	6/14/1985	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	6/20/1988	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	12/24/1988	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	12/31/1988	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	11/3/1989	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	10/3/1990	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	6/1/1994	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	6/7/1994	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	11/17/1996	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	7/2/2003	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	7/4/2005	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	7/14/2006	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	8/15/2011	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	10/18/2011	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	1/27/2013	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	7/30/2013	6.8	6.8	1.62	19.04	11773	73.4390%	TSS	--	0.289	28.3	#VALUE!	29.66958276
5439000	8/15/1986	6.7	6.7	1.62	18.88	11796	73.5824%	TSS	--	0.289	28.3	#VALUE!	29.41766013
5439000	2/26/1987	6.7	6.7	1.62	18.88	11796	73.5824%	TSS	--	0.289	28.3	#VALUE!	29.41766013
5439000	7/9/1992	6.7	6.7	1.62	18.88	11796	73.5824%	TSS	--	0.289	28.3	#VALUE!	29.41766013
5439000	9/27/1994	6.7	6.7	1.62	18.88	11796	73.5824%	TSS	--	0.289	28.3	#VALUE!	29.41766013
5439000	8/29/1998	6.7	6.7	1.62	18.88	11796	73.5824%	TSS	--	0.289	28.3	#VALUE!	29.41766013
5439000	10/12/1999	6.7	6.7	1.62	18.88	11796	73.5824%	TSS	--	0.289	28.3	#VALUE!	29.41766013
5439000	9/29/2000	6.7	6.7	1.62	18.88	11796	73.5824%	TSS	--	0.289	28.3	#VALUE!	29.41766013
5439000	10/2/2002	6.7	6.7	1.62	18.88	11796	73.5824%	TSS	--	0.289	28.3	#VALUE!	29.41766013
5439000	6/15/2005	6.7	6.7	1.62	18.88	11796	73.5824%	TSS	--	0.289	28.3	#VALUE!	29.41766013
5439000	11/6/2007	6.7	6.7	1.62	18.88	11796	73.5824%	TSS	--	0.289	28.3	#VALUE!	29.41766013
5439000	11/11/2007	6.7	6.7	1.62	18.88	11796	73.5824%	TSS	--	0.289	28.3	#VALUE!	29.41766013
5439000	9/12/2009	6.7	6.7	1.62	18.88	11796	73.5824%	TSS	--	0.289	28.3	#VALUE!	29.41766013
5439000	7/18/2012	6.7	6.7	1.62	18.88	11796	73.5824%	TSS	--	0.289	28.3	#VALUE!	29.41766013

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/10/2014	6.7	6.7	1.62	18.88	11796	73.5824%	TSS	--	0.289	28.3	#VALUE!	29.41766013
5439000	1/4/1926	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	2/10/1926	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	5/31/1928	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	6/3/1928	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	6/5/1928	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	6/7/1928	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	6/13/1928	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	8/19/1928	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	8/21/1928	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	11/1/1928	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	6/17/1930	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	7/10/1930	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	7/14/1930	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	11/10/1932	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	8/7/1983	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	1/31/1984	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	8/24/1985	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	10/8/1985	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	8/5/1986	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	10/2/1988	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	9/13/1990	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	6/22/1992	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	6/2/1994	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	6/12/1994	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	2/25/1996	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	3/22/1996	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	4/10/1996	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	7/13/1997	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	7/14/1997	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	7/15/1997	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	8/26/1998	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/5/1999	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	12/12/1999	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	8/2/2001	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	4/16/2003	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	12/19/2004	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	10/31/2007	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	11/9/2007	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	11/15/2007	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	11/28/2007	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	8/5/2009	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	10/24/2010	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	7/24/2012	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	7/31/2012	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	8/5/2012	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	11/12/2012	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	3/7/2013	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	11/2/2013	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	1/16/2015	6.6	6.6	1.62	18.72	11810	73.6698%	TSS	--	0.289	28.3	#VALUE!	29.16573749
5439000	1/10/1933	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	10/21/1983	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	2/6/1984	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	7/13/1984	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	6/10/1985	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	7/5/1989	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	6/3/1994	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	6/5/1994	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	9/23/1994	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	10/20/1995	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	2/17/1996	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	7/20/1999	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	12/11/1999	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	3/28/2003	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/26/2006	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	11/1/2007	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	11/5/2007	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	11/20/2007	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	9/9/2008	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	8/24/2010	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	12/12/2010	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	12/27/2010	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	10/8/2011	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	10/19/2011	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	3/4/2013	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	3/6/2013	6.5	6.5	1.62	18.56	11859	73.9754%	TSS	--	0.289	28.3	#VALUE!	28.91381485
5439000	10/19/1931	6.4	6.4	1.62	18.40	11885	74.1376%	TSS	--	0.289	28.3	#VALUE!	28.66189221
5439000	10/29/1931	6.4	6.4	1.62	18.40	11885	74.1376%	TSS	--	0.289	28.3	#VALUE!	28.66189221
5439000	2/7/1984	6.4	6.4	1.62	18.40	11885	74.1376%	TSS	--	0.289	28.3	#VALUE!	28.66189221
5439000	2/9/1984	6.4	6.4	1.62	18.40	11885	74.1376%	TSS	--	0.289	28.3	#VALUE!	28.66189221
5439000	8/4/1984	6.4	6.4	1.62	18.40	11885	74.1376%	TSS	--	0.289	28.3	#VALUE!	28.66189221
5439000	8/7/1985	6.4	6.4	1.62	18.40	11885	74.1376%	TSS	--	0.289	28.3	#VALUE!	28.66189221
5439000	6/21/1988	6.4	6.4	1.62	18.40	11885	74.1376%	TSS	--	0.289	28.3	#VALUE!	28.66189221
5439000	9/15/1990	6.4	6.4	1.62	18.40	11885	74.1376%	TSS	--	0.289	28.3	#VALUE!	28.66189221
5439000	6/4/1994	6.4	6.4	1.62	18.40	11885	74.1376%	TSS	--	0.289	28.3	#VALUE!	28.66189221
5439000	6/6/1994	6.4	6.4	1.62	18.40	11885	74.1376%	TSS	--	0.289	28.3	#VALUE!	28.66189221
5439000	9/28/1994	6.4	6.4	1.62	18.40	11885	74.1376%	TSS	--	0.289	28.3	#VALUE!	28.66189221
5439000	9/15/1996	6.4	6.4	1.62	18.40	11885	74.1376%	TSS	--	0.289	28.3	#VALUE!	28.66189221
5439000	12/24/2003	6.4	6.4	1.62	18.40	11885	74.1376%	TSS	--	0.289	28.3	#VALUE!	28.66189221
5439000	11/15/2006	6.4	6.4	1.62	18.40	11885	74.1376%	TSS	--	0.289	28.3	#VALUE!	28.66189221
5439000	12/6/2007	6.4	6.4	1.62	18.40	11885	74.1376%	TSS	--	0.289	28.3	#VALUE!	28.66189221
5439000	11/2/2011	6.4	6.4	1.62	18.40	11885	74.1376%	TSS	--	0.289	28.3	#VALUE!	28.66189221
5439000	1/17/2015	6.4	6.4	1.62	18.40	11885	74.1376%	TSS	--	0.289	28.3	#VALUE!	28.66189221
5439000	7/17/1926	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	7/22/1926	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	7/23/1926	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/30/1926	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	8/11/1926	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	6/4/1928	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	6/8/1928	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	7/25/1929	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	7/31/1929	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	8/10/1929	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	6/21/1931	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	10/25/1932	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	10/3/1979	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	10/22/1979	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	8/7/1981	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	2/8/1984	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	10/17/1984	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	2/25/1987	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	7/26/1987	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	1/1/1990	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	9/23/1990	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	10/25/1991	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	6/27/1992	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	10/28/1994	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	8/3/1995	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	3/16/1996	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	9/30/1996	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	7/21/1997	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	10/13/1999	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	12/14/1999	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	9/16/2000	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	7/12/2001	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	7/14/2002	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	4/6/2003	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	7/18/2003	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/8/2005	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	1/10/2005	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	2/1/2006	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	3/30/2006	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	9/13/2006	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	0.28	0.289	28.3	27.91844761	28.40996957
5439000	11/12/2007	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	8/8/2008	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	2/2/2009	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	11/23/2010	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	10/26/2011	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	6/29/2012	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	3/5/2013	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	8/15/2014	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	1/18/2015	6.3	6.3	1.62	18.24	11902	74.2437%	TSS	--	0.289	28.3	#VALUE!	28.40996957
5439000	7/3/1930	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	7/12/1931	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	8/21/1982	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	10/25/1982	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	11/5/1983	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	11/11/1983	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	8/10/1986	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	8/16/1986	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	7/8/1987	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	7/12/1987	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	9/14/1990	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	9/16/1990	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	9/16/1991	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	1/30/1996	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	7/25/1997	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	11/2/2003	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	7/21/2006	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	10/30/2007	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/22/2010	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	12/1/2010	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	7/29/2013	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	8/27/2014	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	1/19/2015	6.2	6.2	1.62	18.07	11951	74.5493%	TSS	--	0.289	28.3	#VALUE!	28.15804693
5439000	9/13/1981	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	9/14/1981	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	9/23/1984	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	7/23/1985	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	11/29/1989	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	7/10/1991	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	11/14/1991	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	8/9/1992	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	10/28/1995	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	10/17/1996	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	10/23/1999	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	9/26/2001	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	4/15/2003	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	8/18/2005	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	3/27/2006	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	11/4/2007	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	8/12/2009	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	9/21/2009	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	6/26/2012	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	11/20/2013	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	10/6/2014	6.1	6.1	1.62	17.91	11974	74.6928%	TSS	--	0.289	28.3	#VALUE!	27.9061243
5439000	5/28/1926	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	6/2/1926	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	7/18/1927	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	8/20/1928	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	8/22/1928	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	8/23/1928	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/24/1928	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	10/30/1931	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	1/11/1933	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	1/12/1933	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	1/13/1933	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	6/20/1933	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	10/21/1979	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	9/18/1981	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	2/17/1982	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	11/10/1983	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	11/15/1983	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	8/16/1985	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	7/28/1987	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	10/1/1988	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	12/20/1988	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	9/12/1991	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	10/3/1991	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	6/10/1994	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	6/11/1994	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	7/27/1994	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	8/27/1994	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	10/7/1994	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	3/17/1996	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	3/23/1996	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	9/16/1996	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	9/17/1996	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	9/20/1996	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	11/5/1996	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	11/6/1996	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	10/26/1997	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	10/2/1998	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	10/19/1999	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/13/1999	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	1/10/2000	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	2/21/2000	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	9/30/2000	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	7/13/2001	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	12/30/2003	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	11/2/2007	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	11/10/2007	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	12/7/2007	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	8/25/2009	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	9/6/2010	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	7/2/2012	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	7/31/2013	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	1/20/2015	6	6	1.62	17.75	11995	74.8238%	TSS	--	0.289	28.3	#VALUE!	27.65420166
5439000	10/1/1930	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	8/22/1982	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	10/17/1985	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	7/9/1987	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	7/13/1987	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	12/9/1988	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	9/19/1990	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	10/4/1990	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	10/8/1990	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	6/30/1992	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	10/29/1995	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	10/8/1998	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	12/19/2002	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	4/12/2003	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	4/13/2003	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	4/14/2003	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	12/30/2004	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	1/9/2005	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/1/2006	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	11/3/2007	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	11/13/2007	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	11/14/2007	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	10/25/2010	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	10/11/2011	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	10/27/2011	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	10/16/2012	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	10/24/2012	5.9	5.9	1.62	17.59	12047	75.1482%	TSS	--	0.289	28.3	#VALUE!	27.40227902
5439000	10/24/1931	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	9/15/1981	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	9/19/1981	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	1/8/1982	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	10/7/1982	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	8/8/1983	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	2/24/1987	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	6/22/1988	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	8/12/1988	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	8/7/1991	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	8/30/1991	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	7/1/1992	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	11/2/1996	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	12/7/1996	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	10/17/1999	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	8/16/2000	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	9/20/2000	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	7/19/2003	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	12/31/2003	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	12/20/2004	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	6/16/2005	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	11/16/2006	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	10/7/2011	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/21/2013	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	1/21/2015	5.8	5.8	1.62	17.43	12074	75.3166%	TSS	--	0.289	28.3	#VALUE!	27.15035638
5439000	1/24/1926	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	7/18/1926	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	7/24/1926	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	8/14/1926	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	1/20/1927	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	1/21/1927	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	1/22/1927	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	7/13/1927	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	9/15/1927	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	6/9/1928	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	9/13/1928	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	9/17/1928	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	8/12/1929	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	11/9/1932	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	6/21/1933	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	7/25/1933	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	11/1/1979	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	7/30/1981	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	8/8/1981	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	7/27/1985	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	7/11/1991	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	10/9/1991	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	11/10/1991	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	7/28/1994	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	8/25/1994	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	10/1/1996	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	10/19/1996	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	7/19/1997	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	8/19/1997	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	10/28/1997	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/24/2004	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	6/17/2005	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	10/29/2007	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	11/7/2007	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	11/8/2007	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	11/18/2007	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	8/9/2008	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	9/20/2009	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	10/23/2011	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	6/30/2012	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	8/31/2014	5.7	5.7	1.62	17.27	12099	75.4725%	TSS	--	0.289	28.3	#VALUE!	26.89843374
5439000	10/21/1929	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	6/18/1930	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	8/8/1985	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	11/11/1991	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	3/18/1996	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	12/5/1996	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	7/16/1997	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	7/29/1999	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	10/22/1999	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	12/17/1999	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	12/20/1999	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	8/20/2000	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	9/15/2000	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	9/18/2001	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	4/11/2003	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	12/25/2003	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	8/3/2004	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	12/8/2007	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	8/6/2009	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	8/16/2012	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	9/2/2013	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/16/2014	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	8/28/2014	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	9/1/2014	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	3/9/2015	5.6	5.6	1.62	17.10	12140	75.7283%	TSS	--	0.289	28.3	#VALUE!	26.6465111
5439000	10/29/1932	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	7/30/1980	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	8/24/1982	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	10/8/1982	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	10/26/1982	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	10/30/1982	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	10/31/1982	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	8/9/1983	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	10/24/1984	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	12/15/1988	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	1/1/1989	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	7/14/1991	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	8/9/1991	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	6/28/1992	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	6/29/1992	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	7/30/1995	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	10/8/1995	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	10/22/1996	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	10/18/1999	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	12/4/1999	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	12/21/1999	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	7/14/2001	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	1/3/2006	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	11/17/2007	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	8/11/2008	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	9/23/2009	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	8/25/2010	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	10/10/2011	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/31/2011	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	11/13/2014	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	1/22/2015	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	1/23/2015	5.5	5.5	1.62	16.94	12165	75.8842%	TSS	--	0.289	28.3	#VALUE!	26.39458847
5439000	11/20/1925	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	12/14/1925	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	1/10/1926	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	5/29/1926	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	6/14/1928	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	8/13/1929	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	8/1/1980	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	10/12/1983	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	7/14/1984	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	7/24/1985	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	8/11/1986	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	8/10/1987	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	12/13/1988	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	12/21/1988	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	11/9/1991	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	3/21/1996	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	12/6/1996	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	12/9/1996	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	8/10/1998	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	7/30/1999	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	1/11/2000	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	10/2/2000	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	8/5/2004	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	2/5/2007	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	11/16/2007	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	11/19/2007	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	8/3/2008	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	9/13/2009	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/26/2010	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	10/9/2011	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	6/27/2012	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	2/6/2013	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	11/10/2013	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	2/26/2014	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	11/16/2014	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	1/24/2015	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	1/25/2015	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	1/26/2015	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	1/27/2015	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	1/28/2015	5.4	5.4	1.62	16.78	12197	76.0838%	TSS	--	0.289	28.3	#VALUE!	26.14266583
5439000	10/23/1930	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	10/24/1930	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	10/25/1930	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	10/26/1930	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	2/28/1931	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	3/1/1931	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	3/3/1931	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	7/13/1931	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	10/20/1931	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	10/31/1931	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	8/4/1981	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	8/11/1981	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	8/12/1981	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	8/13/1981	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	8/17/1985	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	7/10/1987	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	7/16/1987	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	6/24/1988	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	12/10/1988	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	9/17/1990	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/10/1992	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	8/30/1992	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	3/19/1996	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	7/15/2002	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	11/17/2006	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	9/1/2010	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	10/22/2011	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	8/4/2012	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	3/9/2014	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	11/18/2014	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	1/29/2015	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	1/30/2015	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	1/31/2015	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	2/1/2015	5.3	5.3	1.62	16.62	12237	76.3334%	TSS	--	0.289	28.3	#VALUE!	25.89074319
5439000	6/23/1932	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	10/10/1932	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	11/12/1932	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	12/21/1932	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	8/23/1982	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	10/26/1983	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	8/12/1986	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	8/20/1988	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	12/8/1989	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	12/31/1989	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	7/18/1991	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	8/10/1991	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	11/12/1991	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	8/30/1994	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	9/10/1994	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	11/3/1996	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	9/3/1998	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	9/30/1998	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/27/2002	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	4/2/2003	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	4/20/2003	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	1/13/2004	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	6/18/2005	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	7/15/2006	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	10/23/2006	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	11/2/2006	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	12/9/2007	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	7/21/2012	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	8/12/2013	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	9/9/2014	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	2/2/2015	5.2	5.2	1.62	16.46	12271	76.5454%	TSS	--	0.289	28.3	#VALUE!	25.63882055
5439000	1/25/1926	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	7/19/1926	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	7/25/1926	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	7/14/1927	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	6/10/1928	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	8/25/1928	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	9/3/1928	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	9/12/1928	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	8/1/1929	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	8/9/1929	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	6/5/1931	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	10/23/1931	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	11/7/1931	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	7/26/1933	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	9/26/1984	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	8/17/1986	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	7/6/1989	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	8/31/1991	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	9/8/1995	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/4/1996	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	7/30/1998	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	12/18/1999	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	12/19/1999	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	10/10/2001	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	11/18/2006	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	8/20/2014	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	2/3/2015	5.1	5.1	1.62	16.30	12302	76.7388%	TSS	--	0.289	28.3	#VALUE!	25.38689791
5439000	2/2/1928	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	2/3/1928	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	11/29/1930	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	1/24/1931	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	2/11/1931	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	2/27/1931	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	3/4/1931	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	10/20/1979	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	7/31/1980	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	9/20/1981	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	10/29/1983	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	11/6/1983	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	11/7/1983	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	11/8/1983	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	11/12/1983	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	11/16/1983	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	7/15/1984	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	8/13/1986	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	7/14/1987	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	7/19/1988	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	7/7/1989	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	9/20/1990	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	9/24/1990	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	7/15/1991	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/6/1991	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	8/2/1995	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	8/4/1995	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	8/21/1995	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	9/21/1995	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	9/19/1996	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	9/23/1996	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	12/10/1996	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	10/13/1997	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	10/9/1998	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	10/4/2001	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	10/5/2002	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	12/21/2004	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	12/13/2010	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	12/28/2010	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	8/29/2011	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	10/30/2011	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	8/1/2013	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	2/4/2015	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	2/5/2015	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	2/6/2015	5	5	1.62	16.13	12329	76.9072%	TSS	--	0.289	28.3	#VALUE!	25.13497528
5439000	7/14/1931	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	7/15/1931	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	11/1/1931	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	7/5/1932	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	10/30/1932	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	8/25/1982	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	10/28/1982	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	8/10/1983	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	8/18/1985	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	10/5/1990	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	7/17/1991	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/24/1991	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	11/13/1991	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	7/11/1992	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	7/31/1995	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	10/16/1996	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	10/18/1996	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	11/8/1996	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	12/8/1996	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	7/20/1997	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	10/21/1999	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	10/30/1999	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	7/15/2001	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	7/20/2003	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	12/27/2003	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	1/14/2004	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	11/5/2004	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	6/19/2005	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	8/13/2009	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	12/2/2010	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	11/1/2011	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	8/17/2014	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	9/21/2014	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	10/7/2014	4.9	4.9	1.62	15.97	12374	77.1879%	TSS	--	0.289	28.3	#VALUE!	24.88305264
5439000	12/15/1925	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	6/3/1926	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	7/19/1927	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	6/11/1928	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	6/12/1928	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	6/15/1928	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	6/16/1928	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	7/4/1930	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	7/15/1930	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/2/1930	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	2/17/1931	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	2/18/1931	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	2/26/1931	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	3/2/1931	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	6/22/1933	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	1/9/1982	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	7/17/1987	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	7/29/1987	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	7/17/1989	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	12/9/1989	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	8/27/1992	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	8/5/1995	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	9/18/1996	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	10/20/1999	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	10/31/1999	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	1/4/2000	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	1/12/2000	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	8/21/2000	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	9/19/2002	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	3/29/2003	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	4/19/2003	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	7/24/2003	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	7/25/2004	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	3/8/2006	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	9/24/2009	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	11/29/2010	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	12/22/2012	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	9/15/2013	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	9/16/2014	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	2/7/2015	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113
5439000	2/8/2015	4.8	4.8	1.62	15.81	12408	77.4000%	TSS	--	0.289	28.3	#VALUE!	24.63113

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/2/1931	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	11/4/1931	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	11/6/1931	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	10/4/1979	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	10/17/1979	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	11/16/1979	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	2/16/1982	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	8/11/1987	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	6/23/1988	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	6/25/1988	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	12/11/1988	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	12/25/1988	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	9/18/1990	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	8/29/1991	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	10/27/1991	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	8/10/1992	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	3/20/1996	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	9/21/1996	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	11/9/1996	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	8/24/1998	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	10/24/1999	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	10/29/1999	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	11/3/1999	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	11/12/1999	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	11/5/2000	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	7/24/2001	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	8/16/2001	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	12/26/2003	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	1/12/2004	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	0.06	0.289	28.3	5.061427134	24.37920736
5439000	12/29/2004	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	9/14/2009	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	8/26/2010	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/31/2010	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	9/7/2010	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	12/29/2010	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	6/28/2012	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	8/2/2013	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	8/25/2013	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	2/9/2015	4.7	4.7	1.62	15.65	12449	77.6558%	TSS	--	0.289	28.3	#VALUE!	24.37920736
5439000	6/29/1932	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	7/13/1932	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	11/11/1932	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	9/16/1981	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	9/9/1982	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	10/27/1982	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	7/28/1985	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	8/9/1985	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	8/12/1985	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	8/19/1986	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	2/15/1987	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	8/19/1988	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	10/18/1988	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	7/9/1989	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	12/27/1989	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	12/30/1989	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	9/25/1990	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	7/12/1991	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	10/10/1991	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	7/29/1994	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	9/29/1994	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	10/4/1994	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	10/5/1994	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	8/6/1995	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	10/10/1995	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/31/1996	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	9/22/1996	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	9/17/1998	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	8/26/1999	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	11/2/1999	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	9/27/2001	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	10/24/2004	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	11/3/2004	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	11/20/2004	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	6/30/2005	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	8/10/2008	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	8/31/2011	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	12/16/2012	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	9/2/2014	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	2/10/2015	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	2/11/2015	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	2/12/2015	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	2/13/2015	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	2/14/2015	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	2/15/2015	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	2/16/2015	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	2/17/2015	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	2/18/2015	4.6	4.6	1.62	15.49	12488	77.8991%	TSS	--	0.289	28.3	#VALUE!	24.12728472
5439000	1/26/1926	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	2/11/1926	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	7/26/1926	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	8/15/1926	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	9/5/1928	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	9/6/1928	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	9/10/1928	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	9/11/1928	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	9/18/1928	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/19/1930	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	7/5/1930	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	12/15/1930	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	11/5/1931	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	6/23/1933	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	6/26/1933	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	7/27/1933	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	9/21/1981	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	9/25/1981	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	1/10/1982	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	10/3/1983	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	9/1/1984	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	10/25/1984	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	7/18/1987	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	8/18/1988	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	12/12/1988	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	1/2/1989	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	12/28/1989	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	12/29/1989	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	7/21/1991	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	7/29/1991	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	8/2/1991	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	9/17/1991	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	2/6/1996	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	11/18/1996	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	11/4/1999	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	8/25/2000	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	8/27/2004	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	12/22/2004	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	6/20/2005	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	0.17	0.289	28.3	14.12694435	23.87536208
5439000	10/11/2006	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	8/30/2010	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/28/2011	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	11/3/2013	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	8/18/2014	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	8/19/2014	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	11/14/2014	4.5	4.5	1.62	15.33	12536	78.1985%	TSS	--	0.289	28.3	#VALUE!	23.87536208
5439000	6/25/1932	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	12/18/1932	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	12/19/1932	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	10/23/1979	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	11/2/1979	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	7/31/1981	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	1/11/1982	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	12/26/1989	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	7/16/1991	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	8/3/1991	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	10/26/1991	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	8/11/1992	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	9/8/1992	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	10/2/1994	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	10/3/1994	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	8/1/1995	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	10/5/1995	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	11/10/1996	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	11/22/1996	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	1/13/2000	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	8/17/2002	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	11/20/2003	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	11/25/2004	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	2/2/2006	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	7/22/2006	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	10/28/2010	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	10/25/2012	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/27/2014	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	2/19/2015	4.4	4.4	1.62	15.16	12582	78.4854%	TSS	--	0.289	28.3	#VALUE!	23.62343945
5439000	11/12/1925	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	1/12/1926	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	2/17/1926	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	7/20/1927	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	10/21/1931	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	11/3/1931	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	11/10/1931	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	6/24/1933	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	6/25/1933	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	1/12/1982	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	1/20/1982	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	11/18/1983	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	10/26/1984	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	8/11/1985	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	7/8/1989	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	12/15/1989	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	12/16/1989	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	12/17/1989	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	8/28/1991	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	8/12/1992	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	8/5/1994	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	10/4/1998	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	10/25/1999	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	1/9/2000	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	1/14/2000	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	1/15/2000	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	1/16/2000	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	1/17/2000	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	1/23/2000	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	10/11/2001	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/20/2002	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	1/15/2004	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	12/28/2004	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	6/21/2005	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	6/22/2005	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	11/3/2006	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	7/25/2012	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	10/26/2012	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	11/11/2013	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	11/22/2013	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	9/17/2014	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	2/20/2015	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	2/21/2015	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	2/22/2015	4.3	4.3	1.62	15.00	12611	78.6663%	TSS	--	0.289	28.3	#VALUE!	23.37151681
5439000	8/26/1928	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	8/27/1928	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	10/17/1928	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	7/6/1930	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	7/8/1930	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	10/27/1930	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	12/16/1930	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	2/16/1931	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	2/24/1931	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	2/25/1931	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	3/5/1931	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	10/12/1979	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	11/7/1979	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	1/21/1982	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	2/15/1982	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	8/26/1982	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	9/8/1982	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	9/14/1982	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/12/1982	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	8/19/1985	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	10/5/1985	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	8/18/1986	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	8/27/1986	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	9/13/1986	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	8/12/1987	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	12/26/1988	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	12/14/1989	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	12/18/1989	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	12/19/1989	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	12/20/1989	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	12/21/1989	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	12/25/1989	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	7/30/1994	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	8/3/1994	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	10/1/1994	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	7/31/1998	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	11/1/1999	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	11/24/1999	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	1/5/2000	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	1/18/2000	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	1/22/2000	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	1/24/2000	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	8/22/2000	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	8/26/2000	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	4/18/2003	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	7/31/2003	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	1/1/2004	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	12/23/2004	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	7/16/2006	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	10/4/2006	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/21/2006	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	11/19/2006	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	8/16/2009	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	8/27/2010	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	8/28/2010	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	8/29/2010	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	8/3/2013	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	9/3/2014	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	11/20/2014	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	3/8/2015	4.2	4.2	1.62	14.84	12655	78.9408%	TSS	--	0.289	28.3	#VALUE!	23.11959417
5439000	10/22/1931	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	6/24/1932	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	7/4/1932	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	11/13/1932	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	1/13/1982	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	1/19/1982	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	1/28/1982	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	8/17/1983	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	10/27/1983	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	11/17/1983	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	7/16/1984	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	12/13/1989	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	12/22/1989	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	12/23/1989	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	9/26/1990	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	8/14/1991	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	8/28/1994	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	8/31/1994	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	10/30/1995	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	11/23/1996	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	8/11/1998	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	7/31/1999	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/5/1999	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	11/6/1999	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	11/23/1999	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	1/19/2000	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	7/16/2002	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	10/25/2002	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	1/11/2004	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	8/21/2005	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	2/3/2006	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	9/25/2009	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	11/24/2010	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	10/29/2011	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	8/17/2012	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	2/28/2014	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	11/15/2014	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	2/23/2015	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	2/24/2015	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	3/7/2015	4.1	4.1	1.62	14.68	12715	79.3151%	TSS	--	0.289	28.3	#VALUE!	22.86767153
5439000	7/20/1926	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	8/16/1926	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	8/14/1929	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	9/30/1929	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	10/28/1930	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	11/16/1930	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	12/17/1930	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	2/23/1931	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	3/6/1931	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	9/17/1981	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	1/14/1982	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	1/22/1982	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	1/29/1982	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	8/27/1982	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/10/1982	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	8/12/1983	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	9/23/1983	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	9/8/1985	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	8/23/1986	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	8/24/1986	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	6/29/1988	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	12/16/1988	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	12/19/1988	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	12/10/1989	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	12/12/1989	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	12/24/1989	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	7/13/1991	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	7/19/1991	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	7/26/1991	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	9/1/1991	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	11/21/1996	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	10/26/1999	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	11/19/1999	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	12/22/1999	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	1/21/2000	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	1/25/2000	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	2/1/2000	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	2/20/2000	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	9/10/2001	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	12/27/2004	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	6/23/2005	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	7/5/2005	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	8/14/2009	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	8/30/2011	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	7/9/2012	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	1/14/2013	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/25/2015	4	4	1.62	14.52	12755	79.5646%	TSS	--	0.289	28.3	#VALUE!	22.61574889
5439000	9/8/1928	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	9/9/1928	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	9/14/1928	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	11/8/1931	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	11/9/1931	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	10/11/1979	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	10/29/1979	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	1/18/1982	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	1/23/1982	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	1/30/1982	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	1/31/1982	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	2/14/1982	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	9/8/1984	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	8/30/1985	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	1/3/1989	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	12/11/1989	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	7/20/1991	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	7/25/1991	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	8/31/1992	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	9/30/1994	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	10/6/1994	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	11/11/1996	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	7/17/1997	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	11/9/1999	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	12/3/1999	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	1/26/2000	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	1/31/2000	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	8/23/2000	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	8/29/2000	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	10/6/2001	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	11/6/2003	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/2/2004	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	12/24/2004	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	7/1/2005	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	8/16/2011	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	10/13/2012	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	3/1/2014	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	3/2/2014	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	3/3/2014	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	11/21/2014	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	2/26/2015	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	2/27/2015	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	2/28/2015	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	3/1/2015	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	3/2/2015	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	3/3/2015	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	3/4/2015	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	3/5/2015	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	3/6/2015	3.9	3.9	1.62	14.36	12802	79.8578%	TSS	--	0.289	28.3	#VALUE!	22.36382625
5439000	11/21/1925	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	12/16/1925	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	1/11/1926	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	1/27/1926	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	3/31/1926	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	8/7/1927	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	8/8/1927	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	8/9/1927	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	8/10/1927	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	7/7/1930	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	7/16/1930	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	12/18/1930	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	12/19/1930	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	2/12/1931	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/13/1931	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	2/15/1931	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	2/19/1931	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	8/31/1932	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	10/31/1932	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	12/7/1932	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	12/17/1932	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	12/20/1932	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	7/28/1933	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	1/15/1982	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	1/27/1982	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	2/1/1982	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	2/2/1982	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	2/3/1982	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	2/13/1982	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	9/1/1982	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	9/2/1982	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	9/6/1982	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	9/7/1982	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	9/13/1982	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	8/11/1983	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	8/25/1983	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	9/15/1983	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	9/6/1985	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	8/25/1986	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	9/3/1986	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	7/19/1987	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	7/23/1987	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	6/28/1988	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	8/17/1991	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	8/26/1991	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	10/28/1991	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/24/1996	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	8/30/1998	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	10/28/1999	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	11/8/1999	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	11/13/1999	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	1/20/2000	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	1/30/2000	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	2/2/2000	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	8/24/2000	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	9/21/2000	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	9/28/2001	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	12/25/2004	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	12/26/2004	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	6/24/2005	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	7/23/2006	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	10/24/2006	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	10/25/2006	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	9/15/2009	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	9/26/2009	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	9/6/2012	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	3/4/2014	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	3/5/2014	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	3/6/2014	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	3/7/2014	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	3/8/2014	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	9/19/2014	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	10/8/2014	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	11/19/2014	3.8	3.8	1.62	14.19	12851	80.1634%	TSS	--	0.289	28.3	#VALUE!	22.11190362
5439000	9/1/1931	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	9/22/1981	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	1/16/1982	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	1/17/1982	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/24/1982	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	2/4/1982	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	2/5/1982	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	2/6/1982	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	2/7/1982	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	2/8/1982	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	2/11/1982	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	2/12/1982	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	11/13/1983	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	11/14/1983	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	7/17/1984	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	8/20/1985	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	8/25/1985	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	8/29/1985	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	8/20/1986	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	8/22/1986	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	8/28/1986	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	11/5/1988	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	9/2/1992	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	2/1/1996	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	10/6/1996	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	10/10/1998	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	10/27/1999	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	11/27/1999	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	1/6/2000	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	1/8/2000	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	1/27/2000	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	0.15	0.289	28.3	11.34601089	21.85998098
5439000	1/29/2000	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	2/10/2000	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	2/11/2000	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	2/13/2000	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	10/9/2001	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/28/2002	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	7/26/2004	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	8/4/2006	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	8/15/2009	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	9/8/2010	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	10/30/2013	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	11/4/2013	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	11/12/2013	3.7	3.7	1.62	14.03	12925	80.6250%	TSS	--	0.289	28.3	#VALUE!	21.85998098
5439000	7/27/1926	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	8/17/1926	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	8/29/1928	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	6/20/1930	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	10/29/1930	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	10/30/1930	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	11/20/1930	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	12/20/1930	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	1/23/1931	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	2/14/1931	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	2/20/1931	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	7/6/1932	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	9/15/1932	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	11/14/1932	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	11/15/1932	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	8/1/1981	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	9/23/1981	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	1/25/1982	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	1/26/1982	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	2/9/1982	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	2/10/1982	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	9/3/1982	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	9/18/1982	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	8/26/1985	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/20/1987	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	7/20/1988	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	7/25/1988	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	1/4/1989	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	10/18/1991	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	8/28/1992	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	8/10/1995	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	10/2/1996	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	10/3/1996	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	10/24/1996	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	11/12/1996	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	7/22/1997	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	7/24/1997	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	10/29/1997	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	8/1/1998	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	11/10/1999	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	11/16/1999	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	12/23/1999	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	1/28/2000	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	2/3/2000	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	2/14/2000	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	2/16/2000	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	8/30/2000	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	7/18/2001	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	7/19/2001	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	3/22/2003	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	1/3/2004	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	6/25/2005	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	7/26/2006	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	10/18/2006	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	11/4/2006	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	8/22/2008	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/6/2008	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	9/19/2011	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	7/3/2012	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	9/7/2012	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	9/18/2014	3.6	3.6	1.62	13.87	12969	80.8995%	TSS	--	0.289	28.3	#VALUE!	21.60805834
5439000	7/21/1927	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	7/16/1931	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	9/27/1984	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	7/29/1985	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	7/30/1985	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	8/21/1985	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	12/17/1988	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	1/5/1989	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	1/8/1989	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	9/27/1990	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	10/7/1990	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	7/28/1991	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	9/18/1991	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	9/24/1991	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	9/26/1991	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	9/29/1991	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	10/11/1991	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	10/14/1991	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	10/19/1991	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	8/13/1992	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	7/31/1994	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	10/9/1995	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	10/23/1995	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	11/24/1996	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	11/7/1999	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	11/20/1999	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	11/26/1999	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/3/2000	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	2/4/2000	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	2/5/2000	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	2/9/2000	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	2/12/2000	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	2/15/2000	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	2/17/2000	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	2/18/2000	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	2/19/2000	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	11/13/2002	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	11/14/2002	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	4/3/2003	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	9/14/2006	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	7/27/2012	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	1/17/2014	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	2/19/2014	3.5	3.5	1.62	13.71	13030	81.2800%	TSS	--	0.289	28.3	#VALUE!	21.3561357
5439000	11/25/1925	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	2/12/1926	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	10/1/1979	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	10/5/1979	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	10/19/1979	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	10/30/1979	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	11/8/1979	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	11/10/1979	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	11/18/1979	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	11/19/1979	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	11/20/1979	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	8/28/1982	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	8/13/1983	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	8/18/1983	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	8/19/1984	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	8/23/1985	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/18/1988	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	1/6/1989	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	10/6/1990	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	7/30/1991	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	8/27/1991	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	9/23/1991	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	9/27/1991	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	9/3/1992	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	8/6/1994	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	8/7/1995	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	9/22/1995	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	10/4/1996	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	10/20/1996	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	8/12/1998	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	9/18/1998	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	8/23/1999	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	11/18/1999	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	12/26/1999	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	1/7/2000	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	2/6/2000	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	2/7/2000	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	7/16/2001	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	10/7/2001	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	10/8/2001	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	4/21/2003	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	11/26/2004	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	7/17/2006	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	9/24/2006	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	11/20/2006	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	9/16/2009	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	11/25/2010	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306
5439000	9/8/2012	3.4	3.4	1.62	13.55	13073	81.5483%	TSS	--	0.289	28.3	#VALUE!	21.10421306

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/7/1928	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	9/19/1928	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	9/4/1930	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	10/3/1930	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	10/31/1930	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	11/1/1930	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	11/17/1930	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	12/21/1930	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	2/22/1931	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	6/30/1932	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	7/14/1932	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	6/27/1933	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	9/24/1981	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	10/28/1983	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	10/31/1983	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	7/21/1984	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	8/29/1986	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	1/7/1989	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	7/27/1991	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	9/21/1991	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	10/24/1991	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	8/29/1994	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	8/22/1995	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	10/11/1995	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	9/25/1996	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	10/5/1996	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	10/25/1996	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	11/19/1996	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	11/5/1997	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	10/15/1998	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	8/1/1999	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	11/15/1999	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/17/1999	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	12/24/1999	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	12/27/1999	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	2/8/2000	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	9/29/2001	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	9/30/2001	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	8/1/2002	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	7/27/2004	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	11/6/2004	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	10/19/2006	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	8/12/2008	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	9/27/2009	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	8/1/2012	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	9/19/2012	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	10/27/2012	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	12/15/2012	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	8/4/2013	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	8/5/2013	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	9/3/2013	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	10/12/2013	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	11/5/2013	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	11/26/2013	3.3	3.3	1.62	13.39	13121	81.8477%	TSS	--	0.289	28.3	#VALUE!	20.85229043
5439000	12/17/1925	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	7/21/1926	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	7/28/1926	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	7/29/1926	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	8/15/1929	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	10/24/1979	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	10/31/1979	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	11/9/1979	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	9/4/1982	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	9/11/1982	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/27/1983	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	9/10/1983	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	10/4/1983	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	10/13/1983	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	7/18/1984	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	7/26/1984	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	8/22/1985	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	8/28/1985	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	9/1/1986	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	6/26/1988	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	6/30/1988	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	9/25/1991	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	9/28/1991	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	10/13/1991	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	9/5/1994	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	10/15/1995	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	10/13/1996	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	7/23/1997	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	8/27/1998	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	9/29/1998	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	8/27/1999	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	11/14/1999	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	11/25/1999	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	12/25/1999	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	12/28/1999	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	12/31/1999	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	1/1/2000	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	1/2/2000	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	4/27/2003	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	7/25/2003	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	8/6/2004	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	8/29/2004	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/26/2005	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	11/5/2006	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	11/24/2006	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	9/28/2009	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	12/3/2010	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	12/14/2010	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	7/22/2012	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	11/23/2013	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	11/25/2013	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	12/20/2013	3.2	3.2	1.62	13.22	13175	82.1845%	TSS	--	0.289	28.3	#VALUE!	20.60036779
5439000	9/25/1931	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	10/4/1932	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	11/1/1932	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	7/29/1933	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	8/3/1933	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	9/2/1986	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	7/10/1989	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	10/1/1990	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	8/19/1991	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	9/10/1991	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	10/12/1991	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	8/14/1992	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	10/25/1995	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	11/13/1996	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	11/20/1996	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	8/20/1997	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	11/2/1997	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	11/29/1997	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	11/30/1997	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	10/11/1998	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	11/28/1999	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	12/29/1999	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/30/1999	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	11/12/2002	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	1/10/2004	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	1/16/2004	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	6/27/2005	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	7/24/2006	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	9/9/2010	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	10/29/2010	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	12/4/2010	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	9/1/2011	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	12/23/2012	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	10/9/2014	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	10/11/2014	3.1	3.1	1.62	13.06	13227	82.5089%	TSS	--	0.289	28.3	#VALUE!	20.34844515
5439000	11/11/1925	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	11/22/1925	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	9/28/1927	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	8/28/1928	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	8/16/1929	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	8/17/1929	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	10/16/1929	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	10/17/1929	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	10/18/1929	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	10/19/1929	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	10/20/1929	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	6/21/1930	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	7/17/1930	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	12/22/1930	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	7/17/1931	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	8/29/1982	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	8/31/1982	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	9/12/1982	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	9/16/1982	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/28/1983	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	8/31/1985	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	9/1/1985	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	9/2/1985	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	9/9/1985	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	10/6/1985	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	8/21/1986	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	8/30/1986	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	7/21/1987	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	7/22/1987	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	7/24/1987	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	9/28/1990	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	9/29/1990	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	10/2/1990	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	8/6/1991	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	9/7/1991	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	9/19/1991	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	9/22/1991	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	10/20/1991	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	10/21/1991	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	9/1/1994	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	10/1/1995	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	8/2/1998	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	11/22/1999	3	3	1.62	12.90	13262	82.7272%	TSS	0.06	0.289	28.3	4.172288411	20.09652251
5439000	8/28/2000	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	8/18/2001	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	3/26/2003	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	3/30/2003	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	8/12/2004	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	7/2/2005	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	7/21/2005	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	7/27/2005	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/4/2006	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	11/6/2006	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	11/7/2006	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	11/8/2006	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	9/17/2009	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	9/19/2009	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	9/10/2010	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	8/17/2011	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	1/10/2013	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	12/23/2013	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	10/10/2014	3	3	1.62	12.90	13262	82.7272%	TSS	--	0.289	28.3	#VALUE!	20.09652251
5439000	10/25/1979	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	10/27/1979	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	10/28/1979	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	11/6/1979	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	11/11/1979	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	11/17/1979	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	8/14/1983	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	8/19/1983	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	9/16/1983	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	8/27/1985	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	9/3/1985	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	9/11/1985	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	9/21/1985	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	8/31/1986	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	9/4/1986	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	9/6/1986	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	7/5/1988	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	9/30/1990	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	10/23/1991	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	8/15/1992	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	8/29/1992	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/3/1994	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	10/17/1995	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	10/11/1996	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	10/12/1996	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	11/14/1996	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	11/15/1996	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	11/16/1996	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	11/29/1996	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	10/1/1998	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	11/21/1999	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	7/20/2001	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	7/19/2002	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	11/6/2002	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	8/3/2003	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	1/4/2004	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	8/11/2004	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	11/8/2004	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	7/6/2005	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	8/19/2005	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	11/9/2006	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	11/21/2006	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	10/12/2010	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	9/4/2011	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	8/26/2013	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	1/10/2014	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	9/20/2014	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	9/22/2014	2.9	2.9	1.62	12.74	13324	83.1140%	TSS	--	0.289	28.3	#VALUE!	19.84459987
5439000	1/28/1926	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	8/18/1926	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	8/19/1926	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	6/22/1930	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	11/2/1930	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/23/1930	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	2/21/1931	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	8/30/1982	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	10/6/1982	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	10/17/1982	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	9/2/1983	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	9/24/1983	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	7/19/1984	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	8/17/1984	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	9/14/1984	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	9/4/1985	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	9/5/1985	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	9/7/1986	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	7/25/1987	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	8/5/1991	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	9/20/1991	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	8/23/1995	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	10/21/1995	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	2/2/1996	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	10/14/1996	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	11/27/1996	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	8/31/1998	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	11/29/1999	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	8/27/2000	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	10/1/2001	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	11/10/2002	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	11/11/2002	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	4/1/2003	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	7/28/2003	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	11/21/2003	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	12/5/2003	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	7/28/2004	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/28/2004	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	6/28/2005	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	9/24/2010	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	12/5/2010	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	7/4/2012	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	1/15/2013	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	8/6/2013	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	10/13/2013	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	11/13/2013	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	12/22/2013	2.8	2.8	1.62	12.58	13372	83.4134%	TSS	--	0.289	28.3	#VALUE!	19.59267723
5439000	7/22/1927	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	7/23/1927	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	7/24/1927	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	7/25/1927	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	7/26/1927	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	7/27/1927	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	8/11/1927	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	8/21/1929	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	8/22/1929	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	10/6/1979	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	10/7/1979	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	10/26/1979	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	11/13/1979	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	11/14/1979	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	10/14/1983	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	9/10/1985	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	9/12/1985	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	9/13/1985	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	9/28/1985	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	9/5/1986	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	6/27/1988	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	7/1/1988	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/13/1988	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	7/31/1991	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	8/4/1991	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	8/20/1991	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	10/15/1991	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	10/22/1991	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	9/6/1992	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	9/7/1992	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	9/2/1994	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	10/22/1995	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	10/26/1995	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	10/10/1996	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	10/26/1996	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	10/27/1996	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	11/25/1996	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	7/17/2002	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	8/29/2002	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	10/6/2002	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	11/7/2002	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	1/17/2004	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	11/7/2004	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	11/24/2004	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	11/29/2005	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	1/4/2006	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	7/18/2006	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	11/22/2006	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	9/10/2008	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	9/18/2009	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	9/3/2011	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	8/6/2012	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	9/16/2013	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	9/23/2014	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/12/2014	2.7	2.7	1.62	12.41	13419	83.7066%	TSS	--	0.289	28.3	#VALUE!	19.3407546
5439000	11/26/1925	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	12/18/1925	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	2/13/1926	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	6/4/1926	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	6/5/1926	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	6/6/1926	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	6/7/1926	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	10/4/1930	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	11/3/1930	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	12/24/1930	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	7/20/1931	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	7/21/1931	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	7/1/1932	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	12/10/1932	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	12/11/1932	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	12/12/1932	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	12/14/1932	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	12/16/1932	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	6/28/1933	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	9/15/1982	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	10/13/1982	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	10/18/1982	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	8/29/1983	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	7/20/1984	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	7/24/1984	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	7/27/1984	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	9/8/1986	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	9/14/1986	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	8/16/1992	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	8/7/1994	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	9/6/1994	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/9/1996	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	11/7/1997	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	12/25/1997	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	9/7/1998	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	10/12/1998	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	12/2/1999	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	7/17/2001	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	10/2/2001	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	11/9/2002	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	8/4/2003	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	11/17/2003	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	0.19	0.289	28.3	12.54975111	19.08883196
5439000	11/21/2004	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	7/20/2005	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	11/23/2006	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	9/29/2009	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	7/10/2012	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	0.27	0.289	28.3	17.50360024	19.08883196
5439000	10/4/2013	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	10/6/2013	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	12/21/2013	2.6	2.6	1.62	12.25	13474	84.0497%	TSS	--	0.289	28.3	#VALUE!	19.08883196
5439000	11/24/1925	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	11/27/1925	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	2/14/1926	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	8/18/1929	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	10/1/1929	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	10/8/1979	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	10/10/1979	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	10/18/1979	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	11/12/1979	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	8/15/1983	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	8/16/1983	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	8/20/1983	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	9/19/1985	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/16/1986	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	8/21/1988	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	9/11/1991	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	9/30/1991	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	10/17/1991	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	9/4/1994	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	8/11/1995	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	8/24/1995	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	9/20/1995	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	10/7/1996	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	10/28/1996	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	11/28/1996	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	8/13/1998	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	10/13/1998	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	10/16/1998	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	7/18/2002	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	7/27/2002	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	7/31/2002	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	11/8/2002	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	4/22/2003	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	1/9/2004	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	6/29/2005	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	7/27/2006	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	11/25/2006	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	8/13/2008	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	8/14/2012	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	9/9/2012	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	10/28/2012	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	12/24/2012	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	10/17/2013	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	10/18/2013	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	11/24/2013	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/24/2013	2.5	2.5	1.62	12.09	13524	84.3615%	TSS	--	0.289	28.3	#VALUE!	18.83690932
5439000	9/29/1929	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	6/23/1930	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	6/24/1930	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	9/5/1930	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	11/4/1930	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	11/18/1930	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	11/21/1930	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	12/25/1930	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	7/18/1931	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	7/2/1932	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	7/15/1932	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	11/2/1932	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	11/17/1932	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	12/15/1932	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	11/5/1979	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	8/24/1983	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	8/26/1983	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	8/30/1983	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	9/3/1983	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	9/7/1983	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	9/9/1983	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	9/25/1983	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	9/26/1983	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	9/27/1983	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	9/28/1983	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	10/16/1983	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	7/22/1984	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	9/17/1986	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	9/20/1986	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	8/24/1988	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	8/18/1991	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/16/1991	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	8/9/1995	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	10/8/1996	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	10/14/1997	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	10/17/1997	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	10/30/1997	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	10/31/1997	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	9/4/1998	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	11/30/1999	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	12/1/1999	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	7/22/2001	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	7/20/2002	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	8/7/2002	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	9/22/2002	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	12/20/2002	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	11/7/2003	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	11/22/2003	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	11/23/2003	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	1/5/2004	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	7/29/2004	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	7/26/2005	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	8/13/2005	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	9/25/2006	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	12/11/2010	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	7/11/2012	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	7/26/2012	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	9/4/2012	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	9/22/2012	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	1/16/2013	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	8/10/2013	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	8/13/2013	2.4	2.4	1.62	11.93	13570	84.6485%	TSS	--	0.289	28.3	#VALUE!	18.58498668
5439000	11/10/1925	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/19/1925	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	1/16/1926	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	7/28/1927	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	8/19/1929	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	8/21/1983	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	9/11/1983	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	10/30/1983	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	8/15/1991	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	8/21/1991	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	9/8/1991	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	10/1/1991	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	9/11/1994	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	2/3/1996	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	11/3/1997	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	8/3/1998	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	9/1/1998	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	9/3/2000	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	9/4/2000	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	9/5/2000	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	7/21/2001	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	8/6/2001	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	11/5/2002	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	3/31/2003	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	10/15/2003	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	12/6/2003	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	8/7/2004	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	8/19/2004	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	8/25/2004	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	7/25/2006	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	9/19/2006	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	11/26/2006	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	11/13/2010	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/14/2010	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	12/6/2010	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	8/7/2013	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	11/14/2013	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	1/18/2014	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	1/19/2014	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	2/18/2014	2.3	2.3	1.62	11.77	13632	85.0352%	TSS	--	0.289	28.3	#VALUE!	18.33306404
5439000	10/16/1928	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	11/5/1930	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	11/6/1930	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	11/7/1930	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	11/8/1930	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	11/9/1930	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	11/10/1930	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	11/11/1930	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	11/19/1930	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	12/26/1930	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	3/7/1931	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	3/12/1931	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	11/5/1932	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	11/18/1932	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	12/8/1932	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	12/9/1932	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	10/9/1979	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	10/13/1979	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	11/3/1979	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	11/4/1979	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	9/5/1982	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	8/23/1983	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	8/31/1983	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	9/1/1983	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	9/4/1983	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/5/1983	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	7/25/1984	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	7/28/1984	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	9/7/1985	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	9/14/1985	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	9/20/1985	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	9/23/1985	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	10/7/1985	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	9/9/1986	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	9/10/1986	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	9/1/1992	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	8/8/1995	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	11/4/1997	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	8/2/1999	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	8/12/1999	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	8/31/2000	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	9/17/2000	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	7/30/2001	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	9/4/2001	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	10/3/2001	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	7/29/2002	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	8/18/2002	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	10/7/2002	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	3/23/2003	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	4/23/2003	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	7/26/2003	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	7/29/2003	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	11/24/2003	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	7/30/2004	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	10/31/2004	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	7/3/2005	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	12/1/2005	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/5/2006	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	7/19/2006	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	9/15/2006	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	10/20/2006	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	9/30/2009	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	9/11/2010	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	9/22/2010	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	11/6/2010	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	11/13/2012	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	8/8/2013	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	9/4/2013	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	11/16/2013	2.2	2.2	1.62	11.61	13672	85.2848%	TSS	--	0.289	28.3	#VALUE!	18.0811414
5439000	1/13/1926	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	2/15/1926	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	8/20/1929	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	9/9/1929	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	7/19/1931	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	7/22/1931	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	7/30/1933	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	8/2/1933	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	9/19/1982	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	10/15/1982	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	10/16/1982	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	8/22/1983	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	9/8/1983	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	9/14/1983	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	8/20/1984	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	9/15/1984	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	9/18/1985	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	10/2/1991	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	9/5/1992	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	9/9/1995	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/16/1995	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	10/15/1996	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	11/1/1997	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	9/19/1998	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	9/22/1998	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	8/10/1999	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	8/28/1999	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	8/19/2001	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	10/26/2002	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	3/27/2003	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	1/6/2004	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	1/8/2004	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	1/18/2004	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	7/31/2004	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	7/7/2005	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	8/5/2006	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	11/27/2006	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	8/14/2008	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	11/26/2010	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	8/18/2011	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	7/12/2012	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	9/15/2012	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	9/23/2012	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	8/9/2013	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	1/20/2014	2.1	2.1	1.62	11.44	13741	85.7152%	TSS	--	0.289	28.3	#VALUE!	17.82921877
5439000	11/23/1925	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	11/28/1925	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	12/3/1925	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	1/14/1926	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	2/16/1926	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	6/8/1926	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/20/1928	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/25/1930	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	7/18/1930	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	11/12/1930	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	11/13/1930	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	11/14/1930	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	11/15/1930	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	12/27/1930	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	12/28/1930	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	11/3/1932	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	11/7/1932	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	12/6/1932	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	12/13/1932	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	7/31/1933	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	8/4/1933	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	10/14/1982	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/12/1983	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/13/1983	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/29/1983	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	10/1/1983	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	10/5/1983	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	10/6/1983	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	8/5/1984	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/6/1984	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/9/1984	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/11/1984	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/28/1984	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	10/11/1984	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/15/1985	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/17/1985	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/18/1986	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/19/1986	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	8/14/1988	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/25/1988	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	8/1/1991	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	8/22/1991	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/2/1991	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/4/1992	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/7/1994	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	2/4/1996	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	2/5/1996	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	12/1/1997	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	10/14/1998	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	8/7/1999	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/1/2000	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/19/2000	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	7/23/2001	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	10/30/2002	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	11/20/2002	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	11/21/2002	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	8/5/2003	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	11/8/2003	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	11/15/2003	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	8/13/2004	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	11/9/2004	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	2/6/2006	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/17/2006	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	9/26/2006	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	10/30/2010	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	11/7/2010	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	11/27/2010	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	7/28/2012	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	1/21/2014	2	2	1.62	11.28	13786	85.9959%	TSS	--	0.289	28.3	#VALUE!	17.57729613
5439000	7/29/1927	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	9/21/1928	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/21/1982	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	10/17/1983	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	10/19/1983	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	8/9/1984	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	8/23/1984	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	9/2/1984	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	9/4/1984	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	9/24/1985	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	9/30/1985	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	9/9/1991	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	8/25/1992	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	8/25/1995	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	8/26/1995	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	9/23/1995	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	10/19/1995	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	9/21/1998	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	8/3/1999	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	9/9/2000	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	9/10/2000	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	9/18/2000	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	8/30/2002	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	11/3/2002	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	11/19/2002	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	12/17/2002	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	4/24/2003	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	8/6/2003	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	11/14/2003	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	11/16/2003	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	8/8/2004	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	11/16/2005	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	9/10/2006	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	9/12/2008	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/21/2010	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	10/31/2010	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	11/1/2010	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	11/12/2010	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	11/16/2010	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	12/25/2010	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	9/2/2011	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	9/5/2011	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	7/5/2012	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	10/12/2012	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	12/9/2012	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	8/11/2013	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	1/22/2014	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	1/23/2014	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	1/24/2014	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	1/25/2014	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	9/24/2014	1.9	1.9	1.62	11.12	13855	86.4263%	TSS	--	0.289	28.3	#VALUE!	17.32537349
5439000	11/29/1925	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	1/15/1926	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	9/22/1928	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	10/5/1928	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	10/14/1928	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	8/17/1930	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	11/22/1930	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	11/23/1930	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	11/24/1930	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	12/29/1930	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	7/16/1932	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	11/4/1932	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	11/6/1932	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	11/16/1932	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	11/19/1932	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/4/1932	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	10/7/1983	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	7/29/1984	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	8/6/1984	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	8/7/1984	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	8/10/1984	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	8/21/1984	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	8/22/1984	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	8/27/1984	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	8/28/1984	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	8/29/1984	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	8/31/1984	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	9/5/1984	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	9/7/1984	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	9/24/1984	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	9/29/1984	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	10/10/1984	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	10/16/1984	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	9/22/1985	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	9/15/1986	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	7/2/1988	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	8/22/1988	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	10/24/1988	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	11/6/1988	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	8/17/1992	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	8/8/1994	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	1/2/1998	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	8/16/1998	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	9/20/1998	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	9/2/2000	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	9/6/2000	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	7/21/2002	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/21/2002	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	10/9/2002	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	10/29/2002	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	11/22/2002	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	7/27/2003	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	9/27/2003	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	1/7/2004	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	8/1/2004	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	8/9/2004	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	8/17/2004	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	7/22/2005	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	8/22/2005	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	1/5/2006	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	2/8/2006	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	3/7/2006	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	7/28/2006	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	9/12/2010	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	9/23/2010	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	9/25/2010	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	11/5/2010	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	11/15/2010	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	11/17/2010	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	11/28/2010	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	12/15/2010	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	1/26/2013	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	11/27/2013	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	1/26/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	1/27/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	1/28/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	1/29/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	1/30/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	1/31/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/1/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	2/2/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	2/3/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	2/4/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	2/5/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	2/6/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	2/7/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	2/8/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	2/9/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	2/10/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	2/11/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	2/12/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	2/13/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	2/14/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	2/15/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	2/16/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	2/17/2014	1.8	1.8	1.62	10.96	13906	86.7444%	TSS	--	0.289	28.3	#VALUE!	17.07345085
5439000	11/30/1925	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	12/1/1925	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	12/2/1925	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	1/29/1926	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	6/9/1926	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	8/12/1927	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	8/13/1927	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	8/14/1927	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	8/23/1929	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	9/8/1929	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	11/25/1930	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	12/30/1930	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	3/8/1931	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	3/11/1931	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	8/1/1933	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/29/1982	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	10/8/1983	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	10/9/1983	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	10/10/1983	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	10/18/1983	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	8/24/1984	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	8/30/1984	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	9/3/1984	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	9/10/1984	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	9/16/1984	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	10/3/1988	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	8/12/1995	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	8/13/1995	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	8/21/1997	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	12/26/1997	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	8/15/1998	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	9/10/1998	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	8/13/1999	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	9/8/2000	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	7/25/2001	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	7/28/2002	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	9/5/2002	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	9/18/2002	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	10/3/2002	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	10/19/2002	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	10/20/2002	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	11/1/2002	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	11/2/2002	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	11/4/2002	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	0.04	0.289	28.3	2.328239199	16.82152821
5439000	4/25/2003	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	7/30/2003	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	11/9/2003	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/25/2003	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	12/2/2003	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	1/19/2004	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	2/19/2004	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	11/22/2004	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	11/6/2005	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	1/1/2006	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	9/7/2006	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	8/15/2008	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	11/3/2010	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	11/11/2010	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	11/18/2010	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	11/19/2010	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	7/23/2012	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	9/24/2012	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	12/4/2013	1.7	1.7	1.62	10.80	14002	87.3433%	TSS	--	0.289	28.3	#VALUE!	16.82152821
5439000	10/15/1928	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	7/23/1931	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	11/20/1932	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	10/14/1979	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	9/20/1982	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	9/22/1982	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	9/24/1982	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	9/28/1982	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	9/30/1982	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	10/2/1983	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	10/15/1983	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	7/23/1984	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	7/30/1984	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	8/8/1984	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	8/13/1984	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	8/14/1984	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/25/1984	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	9/30/1984	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	10/12/1984	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	9/27/1985	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	8/15/1988	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	8/27/1988	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	10/20/1997	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	8/14/1998	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	8/19/1998	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	8/20/1998	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	9/2/1998	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	9/5/1998	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	9/27/1998	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	8/8/1999	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	8/29/1999	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	9/8/2001	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	9/2/2002	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	10/21/2002	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	10/27/2002	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	10/31/2002	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	12/21/2002	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	3/24/2003	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	10/25/2003	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	8/30/2004	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	11/10/2004	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	11/23/2004	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	2/7/2006	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	2/9/2006	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	10/5/2006	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	10/12/2006	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	9/11/2008	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	9/19/2010	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/20/2010	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	11/2/2010	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	11/11/2012	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	12/10/2012	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	1/17/2013	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	10/3/2013	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	11/15/2013	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	12/5/2013	1.6	1.6	1.62	10.64	14065	87.7363%	TSS	--	0.289	28.3	#VALUE!	16.56960558
5439000	7/30/1927	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	8/15/1927	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	9/10/1929	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	10/2/1929	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	7/19/1930	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	12/31/1930	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	8/5/1933	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	8/17/1933	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	9/23/1982	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	10/11/1983	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	8/26/1984	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	9/12/1984	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	9/17/1984	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	9/18/1984	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	9/19/1984	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	10/2/1984	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	10/3/1984	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	10/7/1984	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	7/6/1988	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	9/12/1988	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	9/8/1994	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	9/12/1994	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	9/16/1997	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	9/26/1998	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/9/1999	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	8/3/2001	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	7/30/2002	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	8/31/2002	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	9/1/2002	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	10/22/2002	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	10/28/2002	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	11/18/2002	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	11/10/2003	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	11/26/2003	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	12/7/2003	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	1/20/2004	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	2/18/2004	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	8/2/2004	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	8/26/2004	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	9/5/2004	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	11/18/2004	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	9/16/2006	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	8/21/2008	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	11/10/2010	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	11/20/2010	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	8/18/2012	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	9/10/2012	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	0.19	0.289	28.3	10.44557558	16.31768294
5439000	10/29/2012	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	12/17/2012	1.5	1.5	1.62	10.47	14121	88.0856%	TSS	--	0.289	28.3	#VALUE!	16.31768294
5439000	11/4/1925	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	6/10/1926	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	7/31/1927	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/1/1927	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/2/1927	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/18/1927	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/26/1927	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/23/1928	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	10/13/1928	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/24/1929	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/25/1929	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/26/1929	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/27/1929	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/28/1929	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/29/1929	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/30/1929	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/31/1929	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/19/1929	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/25/1929	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	10/3/1929	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	10/14/1929	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	7/20/1930	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/6/1930	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/7/1930	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	10/5/1930	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	10/6/1930	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	1/1/1931	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	3/10/1931	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	7/24/1931	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/2/1931	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	10/16/1979	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	10/1/1982	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	10/5/1982	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/11/1984	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/12/1984	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/20/1984	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	10/4/1984	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	10/21/1988	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/9/1994	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/22/1994	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/27/1995	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/10/1995	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/24/1995	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	7/26/1997	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	12/11/1997	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	12/27/1997	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/17/1998	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/23/1998	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/8/1998	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/4/1999	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	0.20	0.289	28.3	11.11817322	16.0657603
5439000	8/6/1999	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/13/1999	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/6/2001	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/11/2001	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	10/8/2002	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	10/15/2002	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	10/18/2002	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	10/24/2002	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	4/28/2003	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/7/2003	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	10/26/2003	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	11/13/2003	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	12/3/2003	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/10/2004	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/24/2004	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	10/25/2004	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	7/8/2005	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	7/10/2005	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	11/15/2005	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	2/10/2006	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	7/29/2006	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/6/2006	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/27/2006	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/16/2008	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/7/2008	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/13/2010	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/26/2010	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	11/4/2010	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	11/8/2010	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	11/9/2010	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	11/21/2010	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	12/18/2010	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/19/2011	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/20/2011	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	7/29/2012	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	8/13/2012	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	12/25/2012	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	9/19/2013	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	10/5/2013	1.4	1.4	1.62	10.31	14170	88.3912%	TSS	--	0.289	28.3	#VALUE!	16.0657603
5439000	12/20/1925	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	1/3/1926	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	10/15/1929	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	7/21/1930	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	7/22/1930	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	7/17/1932	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	11/21/1932	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	9/25/1982	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	9/27/1982	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	9/30/1983	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	9/21/1984	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	10/1/1984	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	10/5/1984	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	9/25/1985	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/29/1985	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	8/23/1988	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	9/4/1988	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	8/14/1995	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	8/28/1995	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	8/29/1995	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	10/9/1997	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	10/15/1997	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	12/3/1997	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	8/18/1998	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	9/28/1998	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	8/5/1999	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	8/14/1999	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	8/1/2001	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	10/23/2002	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	4/26/2003	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	11/11/2003	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	11/27/2003	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	11/28/2003	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	12/8/2003	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	2/17/2004	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	8/18/2004	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	9/16/2004	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	7/9/2005	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	7/25/2005	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	0.29	0.289	28.3	15.59496101	15.81383766
5439000	8/14/2005	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	11/9/2005	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	9/20/2006	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	12/7/2010	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	12/16/2010	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	12/20/2010	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	12/24/2010	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/14/2012	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	8/27/2012	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	9/14/2012	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	10/10/2012	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	0.11	0.289	28.3	5.854950276	15.81383766
5439000	8/27/2013	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	9/5/2013	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	11/28/2013	1.3	1.3	1.62	10.15	14259	88.9464%	TSS	--	0.289	28.3	#VALUE!	15.81383766
5439000	11/9/1925	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	8/3/1927	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	8/16/1927	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	8/18/1927	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	9/6/1927	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	10/4/1929	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	10/9/1929	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	10/13/1929	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	7/23/1930	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	7/24/1930	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	7/25/1930	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	8/18/1930	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	8/19/1930	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	9/8/1930	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	11/26/1930	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	1/2/1931	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	8/9/1931	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	8/28/1931	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	8/9/1933	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	10/2/1982	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	9/22/1984	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	9/16/1985	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	8/16/1988	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	9/3/1991	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	8/30/1995	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/25/1995	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	9/30/1995	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	10/14/1995	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	8/22/1997	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	10/19/1997	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	10/24/1997	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	11/8/1997	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	12/2/1997	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	12/4/1997	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	8/22/1998	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	9/9/1998	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	9/23/1998	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	9/7/2000	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	9/17/2001	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	7/22/2002	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	12/22/2002	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	10/16/2003	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	11/30/2003	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	12/4/2003	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	1/21/2004	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	1/26/2004	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	1/27/2004	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	1/28/2004	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	1/29/2004	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	1/30/2004	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	1/31/2004	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	2/11/2004	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	2/12/2004	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	2/13/2004	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	2/14/2004	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	2/15/2004	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	2/16/2004	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/29/2004	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	11/11/2004	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	7/23/2005	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	7/28/2005	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	11/30/2005	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	0.10	0.289	28.3	5.60013551	15.56191502
5439000	12/2/2005	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	1/6/2006	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	2/11/2006	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	3/6/2006	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	7/30/2006	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	8/28/2006	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	9/8/2006	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	8/17/2008	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	7/6/2012	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	8/26/2012	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	9/21/2012	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	10/9/2012	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	10/7/2013	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	12/3/2013	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	9/25/2014	1.2	1.2	1.62	9.99	14312	89.2770%	TSS	--	0.289	28.3	#VALUE!	15.56191502
5439000	10/12/1928	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	7/26/1930	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	9/9/1930	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	1/3/1931	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	7/18/1932	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	9/16/1932	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	11/23/1932	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	11/24/1932	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	8/10/1933	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	8/14/1933	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	8/15/1933	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	8/31/1933	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/1/1933	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	9/2/1933	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	10/4/1982	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	8/15/1984	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	10/15/1984	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	9/26/1985	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	10/1/1985	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	7/21/1988	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	8/17/1988	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	11/7/1988	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	8/21/1992	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	8/31/1995	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	9/19/1995	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	11/27/1997	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	11/28/1997	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	12/30/1997	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	8/21/1998	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	9/6/1998	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	8/17/2001	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	8/12/2002	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	8/19/2002	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	9/3/2002	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	9/23/2002	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	10/14/2002	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	11/17/2002	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	11/23/2002	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	11/12/2003	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	11/29/2003	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	1/22/2004	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	1/23/2004	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	1/24/2004	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	1/25/2004	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/1/2004	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	2/2/2004	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	2/3/2004	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	2/4/2004	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	2/5/2004	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	2/6/2004	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	2/7/2004	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	2/8/2004	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	2/9/2004	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	2/10/2004	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	0.07	0.289	28.3	3.708302654	15.30999238
5439000	8/31/2004	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	9/6/2004	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	10/22/2004	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	11/13/2004	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	8/23/2005	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	2/12/2006	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	2/16/2006	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	2/17/2006	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	2/18/2006	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	8/29/2006	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	10/13/2006	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	8/18/2008	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	8/23/2008	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	12/19/2010	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	8/2/2012	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	9/16/2012	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	9/20/2012	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	1/18/2013	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	8/14/2013	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	9/26/2014	1.1	1.1	1.62	9.83	14389	89.7573%	TSS	--	0.289	28.3	#VALUE!	15.30999238
5439000	7/21/1925	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	8/4/1927	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/17/1927	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/7/1927	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/21/1927	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/1/1929	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/2/1929	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/5/1929	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/16/1929	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/18/1929	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/20/1929	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/24/1929	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/26/1929	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	10/8/1929	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	10/10/1929	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	7/25/1931	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	8/10/1931	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	8/30/1931	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	7/19/1932	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/12/1932	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	12/5/1932	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/26/1982	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	10/3/1982	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	8/28/1988	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/13/1994	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/14/1994	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	12/10/1997	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	12/12/1997	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	12/28/1997	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	12/29/1997	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/24/1998	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	8/30/1999	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/4/2002	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	10/16/2002	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/16/2002	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	11/12/2004	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	7/24/2005	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	2/14/2006	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	2/15/2006	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	2/19/2006	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	2/20/2006	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	2/21/2006	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	2/22/2006	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	2/23/2006	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	8/7/2006	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/28/2006	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	8/20/2008	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/15/2010	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	12/17/2010	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	12/21/2010	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	9/6/2011	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	8/28/2012	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	1/19/2013	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	1/25/2013	1	1	1.62	9.67	14463	90.2190%	TSS	--	0.289	28.3	#VALUE!	15.05806975
5439000	10/2/1995	0.99	0.99	1.62	9.65	14517	90.5558%	TSS	--	0.289	28.3	#VALUE!	15.03287748
5439000	7/4/1988	0.98	0.98	1.62	9.63	14518	90.5620%	TSS	--	0.289	28.3	#VALUE!	15.00768522
5439000	11/3/1988	0.98	0.98	1.62	9.63	14518	90.5620%	TSS	--	0.289	28.3	#VALUE!	15.00768522
5439000	10/18/1995	0.97	0.97	1.62	9.62	14520	90.5745%	TSS	--	0.289	28.3	#VALUE!	14.98249295
5439000	12/31/1997	0.97	0.97	1.62	9.62	14520	90.5745%	TSS	--	0.289	28.3	#VALUE!	14.98249295
5439000	10/27/2003	0.97	0.97	1.62	9.62	14520	90.5745%	TSS	--	0.289	28.3	#VALUE!	14.98249295
5439000	2/13/2006	0.97	0.97	1.62	9.62	14520	90.5745%	TSS	--	0.289	28.3	#VALUE!	14.98249295
5439000	12/5/1997	0.96	0.96	1.62	9.60	14524	90.5995%	TSS	--	0.289	28.3	#VALUE!	14.95730069
5439000	12/1/2003	0.96	0.96	1.62	9.60	14524	90.5995%	TSS	--	0.289	28.3	#VALUE!	14.95730069
5439000	2/24/2006	0.96	0.96	1.62	9.60	14524	90.5995%	TSS	--	0.289	28.3	#VALUE!	14.95730069
5439000	8/26/1988	0.95	0.95	1.62	9.58	14527	90.6182%	TSS	--	0.289	28.3	#VALUE!	14.93210843
5439000	8/25/1991	0.95	0.95	1.62	9.58	14527	90.6182%	TSS	--	0.289	28.3	#VALUE!	14.93210843

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/9/1994	0.95	0.95	1.62	9.58	14527	90.6182%	TSS	--	0.289	28.3	#VALUE!	14.93210843
5439000	12/24/1997	0.95	0.95	1.62	9.58	14527	90.6182%	TSS	--	0.289	28.3	#VALUE!	14.93210843
5439000	9/25/1998	0.95	0.95	1.62	9.58	14527	90.6182%	TSS	--	0.289	28.3	#VALUE!	14.93210843
5439000	10/26/2004	0.95	0.95	1.62	9.58	14527	90.6182%	TSS	--	0.289	28.3	#VALUE!	14.93210843
5439000	9/18/2010	0.95	0.95	1.62	9.58	14527	90.6182%	TSS	--	0.289	28.3	#VALUE!	14.93210843
5439000	7/13/2012	0.95	0.95	1.62	9.58	14527	90.6182%	TSS	--	0.289	28.3	#VALUE!	14.93210843
5439000	8/7/2012	0.95	0.95	1.62	9.58	14527	90.6182%	TSS	--	0.289	28.3	#VALUE!	14.93210843
5439000	11/16/2002	0.94	0.94	1.62	9.57	14536	90.6743%	TSS	--	0.289	28.3	#VALUE!	14.90691616
5439000	12/23/2002	0.94	0.94	1.62	9.57	14536	90.6743%	TSS	--	0.289	28.3	#VALUE!	14.90691616
5439000	10/2/1985	0.93	0.93	1.62	9.55	14538	90.6868%	TSS	--	0.289	28.3	#VALUE!	14.8817239
5439000	10/3/1985	0.93	0.93	1.62	9.55	14538	90.6868%	TSS	--	0.289	28.3	#VALUE!	14.8817239
5439000	8/24/1992	0.93	0.93	1.62	9.55	14538	90.6868%	TSS	--	0.289	28.3	#VALUE!	14.8817239
5439000	8/15/1999	0.93	0.93	1.62	9.55	14538	90.6868%	TSS	--	0.289	28.3	#VALUE!	14.8817239
5439000	7/26/2001	0.93	0.93	1.62	9.55	14538	90.6868%	TSS	--	0.289	28.3	#VALUE!	14.8817239
5439000	8/14/2004	0.93	0.93	1.62	9.55	14538	90.6868%	TSS	--	0.289	28.3	#VALUE!	14.8817239
5439000	11/14/2004	0.93	0.93	1.62	9.55	14538	90.6868%	TSS	--	0.289	28.3	#VALUE!	14.8817239
5439000	11/8/1988	0.92	0.92	1.62	9.54	14545	90.7305%	TSS	--	0.289	28.3	#VALUE!	14.85653164
5439000	10/21/1996	0.92	0.92	1.62	9.54	14545	90.7305%	TSS	--	0.289	28.3	#VALUE!	14.85653164
5439000	1/1/1998	0.92	0.92	1.62	9.54	14545	90.7305%	TSS	--	0.289	28.3	#VALUE!	14.85653164
5439000	8/25/2001	0.92	0.92	1.62	9.54	14545	90.7305%	TSS	--	0.289	28.3	#VALUE!	14.85653164
5439000	8/19/2008	0.92	0.92	1.62	9.54	14545	90.7305%	TSS	--	0.289	28.3	#VALUE!	14.85653164
5439000	8/21/2002	0.91	0.91	1.62	9.52	14550	90.7616%	TSS	--	0.289	28.3	#VALUE!	14.83133937
5439000	11/16/2004	0.91	0.91	1.62	9.52	14550	90.7616%	TSS	--	0.289	28.3	#VALUE!	14.83133937
5439000	10/6/2006	0.91	0.91	1.62	9.52	14550	90.7616%	TSS	--	0.289	28.3	#VALUE!	14.83133937
5439000	7/20/1925	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	7/22/1925	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	11/8/1925	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	12/21/1925	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	9/24/1928	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	10/6/1928	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	10/7/1928	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	10/8/1928	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/9/1928	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	9/3/1929	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	9/11/1929	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	10/5/1929	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	10/12/1929	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	8/9/1930	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	8/14/1930	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	8/20/1930	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	8/21/1930	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	8/22/1930	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	9/10/1930	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	9/11/1930	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	9/12/1930	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	9/13/1930	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	11/27/1930	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	1/4/1931	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	1/5/1931	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	1/6/1931	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	8/26/1931	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	8/27/1931	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	8/29/1931	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	9/11/1931	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	11/22/1932	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	8/6/1933	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	8/7/1933	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	8/16/1933	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	8/18/1933	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	9/3/1933	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	11/10/1997	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	11/24/2002	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	12/31/2005	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	1/7/2006	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/25/2006	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	2/26/2006	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	1/20/2013	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	10/19/2013	0.9	0.9	1.62	9.50	14553	90.7804%	TSS	--	0.289	28.3	#VALUE!	14.80614711
5439000	11/16/1997	0.89	0.89	1.62	9.49	14597	91.0548%	TSS	--	0.289	28.3	#VALUE!	14.78095484
5439000	9/6/2002	0.89	0.89	1.62	9.49	14597	91.0548%	TSS	--	0.289	28.3	#VALUE!	14.78095484
5439000	10/13/2002	0.89	0.89	1.62	9.49	14597	91.0548%	TSS	--	0.289	28.3	#VALUE!	14.78095484
5439000	11/15/2002	0.89	0.89	1.62	9.49	14597	91.0548%	TSS	--	0.289	28.3	#VALUE!	14.78095484
5439000	10/28/2003	0.89	0.89	1.62	9.49	14597	91.0548%	TSS	--	0.289	28.3	#VALUE!	14.78095484
5439000	10/23/2013	0.89	0.89	1.62	9.49	14597	91.0548%	TSS	--	0.289	28.3	#VALUE!	14.78095484
5439000	10/16/1997	0.88	0.88	1.62	9.47	14603	91.0923%	TSS	--	0.289	28.3	#VALUE!	14.75576258
5439000	9/12/2003	0.88	0.88	1.62	9.47	14603	91.0923%	TSS	--	0.289	28.3	#VALUE!	14.75576258
5439000	2/27/2006	0.88	0.88	1.62	9.47	14603	91.0923%	TSS	--	0.289	28.3	#VALUE!	14.75576258
5439000	8/19/2012	0.88	0.88	1.62	9.47	14603	91.0923%	TSS	--	0.289	28.3	#VALUE!	14.75576258
5439000	12/26/2012	0.88	0.88	1.62	9.47	14603	91.0923%	TSS	--	0.289	28.3	#VALUE!	14.75576258
5439000	10/6/1984	0.87	0.87	1.62	9.46	14608	91.1234%	TSS	--	0.289	28.3	#VALUE!	14.73057032
5439000	9/11/1995	0.87	0.87	1.62	9.46	14608	91.1234%	TSS	--	0.289	28.3	#VALUE!	14.73057032
5439000	7/27/1997	0.87	0.87	1.62	9.46	14608	91.1234%	TSS	--	0.289	28.3	#VALUE!	14.73057032
5439000	10/17/2002	0.87	0.87	1.62	9.46	14608	91.1234%	TSS	--	0.289	28.3	#VALUE!	14.73057032
5439000	7/31/2006	0.87	0.87	1.62	9.46	14608	91.1234%	TSS	--	0.289	28.3	#VALUE!	14.73057032
5439000	9/27/2014	0.87	0.87	1.62	9.46	14608	91.1234%	TSS	--	0.289	28.3	#VALUE!	14.73057032
5439000	10/13/1984	0.86	0.86	1.62	9.44	14614	91.1609%	TSS	--	0.289	28.3	#VALUE!	14.70537805
5439000	12/6/1997	0.86	0.86	1.62	9.44	14614	91.1609%	TSS	--	0.289	28.3	#VALUE!	14.70537805
5439000	9/19/1999	0.86	0.86	1.62	9.44	14614	91.1609%	TSS	--	0.289	28.3	#VALUE!	14.70537805
5439000	7/27/2001	0.86	0.86	1.62	9.44	14614	91.1609%	TSS	--	0.289	28.3	#VALUE!	14.70537805
5439000	8/4/2001	0.86	0.86	1.62	9.44	14614	91.1609%	TSS	--	0.289	28.3	#VALUE!	14.70537805
5439000	9/12/2001	0.86	0.86	1.62	9.44	14614	91.1609%	TSS	--	0.289	28.3	#VALUE!	14.70537805
5439000	7/24/2002	0.86	0.86	1.62	9.44	14614	91.1609%	TSS	--	0.289	28.3	#VALUE!	14.70537805
5439000	8/20/2004	0.86	0.86	1.62	9.44	14614	91.1609%	TSS	--	0.289	28.3	#VALUE!	14.70537805
5439000	9/1/2004	0.86	0.86	1.62	9.44	14614	91.1609%	TSS	--	0.289	28.3	#VALUE!	14.70537805
5439000	12/23/2010	0.86	0.86	1.62	9.44	14614	91.1609%	TSS	--	0.289	28.3	#VALUE!	14.70537805
5439000	8/15/2012	0.86	0.86	1.62	9.44	14614	91.1609%	TSS	--	0.289	28.3	#VALUE!	14.70537805

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/25/2012	0.86	0.86	1.62	9.44	14614	91.1609%	TSS	--	0.289	28.3	#VALUE!	14.70537805
5439000	8/11/1999	0.85	0.85	1.62	9.42	14626	91.2357%	TSS	--	0.289	28.3	#VALUE!	14.68018579
5439000	8/22/2001	0.85	0.85	1.62	9.42	14626	91.2357%	TSS	--	0.289	28.3	#VALUE!	14.68018579
5439000	8/8/2002	0.85	0.85	1.62	9.42	14626	91.2357%	TSS	--	0.289	28.3	#VALUE!	14.68018579
5439000	10/12/2002	0.85	0.85	1.62	9.42	14626	91.2357%	TSS	--	0.289	28.3	#VALUE!	14.68018579
5439000	8/2/2006	0.85	0.85	1.62	9.42	14626	91.2357%	TSS	--	0.289	28.3	#VALUE!	14.68018579
5439000	10/16/2006	0.85	0.85	1.62	9.42	14626	91.2357%	TSS	--	0.289	28.3	#VALUE!	14.68018579
5439000	7/15/2012	0.85	0.85	1.62	9.42	14626	91.2357%	TSS	--	0.289	28.3	#VALUE!	14.68018579
5439000	10/11/2012	0.85	0.85	1.62	9.42	14626	91.2357%	TSS	--	0.289	28.3	#VALUE!	14.68018579
5439000	1/21/2013	0.85	0.85	1.62	9.42	14626	91.2357%	TSS	--	0.289	28.3	#VALUE!	14.68018579
5439000	1/24/2013	0.85	0.85	1.62	9.42	14626	91.2357%	TSS	--	0.289	28.3	#VALUE!	14.68018579
5439000	10/9/1984	0.84	0.84	1.62	9.41	14636	91.2981%	TSS	--	0.289	28.3	#VALUE!	14.65499352
5439000	9/5/1988	0.84	0.84	1.62	9.41	14636	91.2981%	TSS	--	0.289	28.3	#VALUE!	14.65499352
5439000	9/1/1995	0.84	0.84	1.62	9.41	14636	91.2981%	TSS	--	0.289	28.3	#VALUE!	14.65499352
5439000	8/13/1997	0.84	0.84	1.62	9.41	14636	91.2981%	TSS	--	0.289	28.3	#VALUE!	14.65499352
5439000	8/20/2001	0.84	0.84	1.62	9.41	14636	91.2981%	TSS	--	0.289	28.3	#VALUE!	14.65499352
5439000	8/26/2001	0.84	0.84	1.62	9.41	14636	91.2981%	TSS	--	0.289	28.3	#VALUE!	14.65499352
5439000	9/3/2001	0.84	0.84	1.62	9.41	14636	91.2981%	TSS	--	0.289	28.3	#VALUE!	14.65499352
5439000	11/17/2004	0.84	0.84	1.62	9.41	14636	91.2981%	TSS	--	0.289	28.3	#VALUE!	14.65499352
5439000	10/14/2006	0.84	0.84	1.62	9.41	14636	91.2981%	TSS	--	0.289	28.3	#VALUE!	14.65499352
5439000	9/13/2003	0.83	0.83	1.62	9.39	14645	91.3543%	TSS	--	0.289	28.3	#VALUE!	14.62980126
5439000	2/28/2006	0.83	0.83	1.62	9.39	14645	91.3543%	TSS	0.17	0.289	28.3	8.707009747	14.62980126
5439000	9/16/2010	0.83	0.83	1.62	9.39	14645	91.3543%	TSS	--	0.289	28.3	#VALUE!	14.62980126
5439000	9/20/2013	0.83	0.83	1.62	9.39	14645	91.3543%	TSS	--	0.289	28.3	#VALUE!	14.62980126
5439000	10/24/2013	0.83	0.83	1.62	9.39	14645	91.3543%	TSS	--	0.289	28.3	#VALUE!	14.62980126
5439000	10/8/1984	0.82	0.82	1.62	9.37	14650	91.3854%	TSS	--	0.289	28.3	#VALUE!	14.604609
5439000	10/1/2002	0.82	0.82	1.62	9.37	14650	91.3854%	TSS	--	0.289	28.3	#VALUE!	14.604609
5439000	3/11/2003	0.82	0.82	1.62	9.37	14650	91.3854%	TSS	--	0.289	28.3	#VALUE!	14.604609
5439000	4/29/2003	0.82	0.82	1.62	9.37	14650	91.3854%	TSS	--	0.289	28.3	#VALUE!	14.604609
5439000	10/29/2003	0.82	0.82	1.62	9.37	14650	91.3854%	TSS	--	0.289	28.3	#VALUE!	14.604609
5439000	11/14/2012	0.82	0.82	1.62	9.37	14650	91.3854%	TSS	--	0.289	28.3	#VALUE!	14.604609
5439000	9/11/2002	0.81	0.81	1.62	9.36	14656	91.4229%	TSS	--	0.289	28.3	#VALUE!	14.57941673

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/11/2002	0.81	0.81	1.62	9.36	14656	91.4229%	TSS	--	0.289	28.3	#VALUE!	14.57941673
5439000	11/1/2003	0.81	0.81	1.62	9.36	14656	91.4229%	TSS	--	0.289	28.3	#VALUE!	14.57941673
5439000	11/17/2005	0.81	0.81	1.62	9.36	14656	91.4229%	TSS	--	0.289	28.3	#VALUE!	14.57941673
5439000	10/17/2010	0.81	0.81	1.62	9.36	14656	91.4229%	TSS	--	0.289	28.3	#VALUE!	14.57941673
5439000	11/29/2013	0.81	0.81	1.62	9.36	14656	91.4229%	TSS	--	0.289	28.3	#VALUE!	14.57941673
5439000	12/22/1925	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	8/5/1927	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	9/25/1928	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	9/26/1928	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	9/4/1929	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	9/6/1929	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	10/7/1929	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	7/27/1930	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	8/15/1930	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	1/7/1931	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	1/8/1931	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	3/9/1931	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	7/26/1931	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	7/27/1931	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	8/11/1931	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	8/12/1931	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	9/3/1931	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	8/8/1933	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	8/11/1933	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	8/30/1933	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	9/6/1933	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	9/7/1933	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	9/13/1933	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	10/15/1979	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	7/31/2001	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	8/5/2001	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	7/23/2002	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/15/2004	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	1/22/2013	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	1/23/2013	0.8	0.8	1.62	9.34	14662	91.4603%	TSS	--	0.289	28.3	#VALUE!	14.55422447
5439000	9/26/2003	0.79	0.79	1.62	9.33	14692	91.6474%	TSS	--	0.289	28.3	#VALUE!	14.52903221
5439000	10/30/2003	0.79	0.79	1.62	9.33	14692	91.6474%	TSS	--	0.289	28.3	#VALUE!	14.52903221
5439000	9/9/2004	0.79	0.79	1.62	9.33	14692	91.6474%	TSS	--	0.289	28.3	#VALUE!	14.52903221
5439000	7/29/2005	0.79	0.79	1.62	9.33	14692	91.6474%	TSS	--	0.289	28.3	#VALUE!	14.52903221
5439000	8/15/2005	0.79	0.79	1.62	9.33	14692	91.6474%	TSS	--	0.289	28.3	#VALUE!	14.52903221
5439000	9/6/1988	0.78	0.78	1.62	9.31	14697	91.6786%	TSS	--	0.289	28.3	#VALUE!	14.50383994
5439000	9/26/1995	0.78	0.78	1.62	9.31	14697	91.6786%	TSS	--	0.289	28.3	#VALUE!	14.50383994
5439000	8/31/1999	0.78	0.78	1.62	9.31	14697	91.6786%	TSS	--	0.289	28.3	#VALUE!	14.50383994
5439000	8/8/2003	0.78	0.78	1.62	9.31	14697	91.6786%	TSS	--	0.289	28.3	#VALUE!	14.50383994
5439000	10/17/2003	0.78	0.78	1.62	9.31	14697	91.6786%	TSS	--	0.289	28.3	#VALUE!	14.50383994
5439000	9/14/2010	0.78	0.78	1.62	9.31	14697	91.6786%	TSS	--	0.289	28.3	#VALUE!	14.50383994
5439000	9/28/2014	0.78	0.78	1.62	9.31	14697	91.6786%	TSS	--	0.289	28.3	#VALUE!	14.50383994
5439000	10/4/1997	0.77	0.77	1.62	9.29	14704	91.7223%	TSS	--	0.289	28.3	#VALUE!	14.47864768
5439000	12/25/2002	0.77	0.77	1.62	9.29	14704	91.7223%	TSS	--	0.289	28.3	#VALUE!	14.47864768
5439000	11/27/2005	0.77	0.77	1.62	9.29	14704	91.7223%	TSS	--	0.289	28.3	#VALUE!	14.47864768
5439000	12/22/2010	0.77	0.77	1.62	9.29	14704	91.7223%	TSS	--	0.289	28.3	#VALUE!	14.47864768
5439000	8/23/1992	0.76	0.76	1.62	9.28	14708	91.7472%	TSS	--	0.289	28.3	#VALUE!	14.45345541
5439000	11/25/2002	0.76	0.76	1.62	9.28	14708	91.7472%	TSS	--	0.289	28.3	#VALUE!	14.45345541
5439000	12/24/2002	0.76	0.76	1.62	9.28	14708	91.7472%	TSS	--	0.289	28.3	#VALUE!	14.45345541
5439000	10/31/2003	0.76	0.76	1.62	9.28	14708	91.7472%	TSS	--	0.289	28.3	#VALUE!	14.45345541
5439000	10/25/2013	0.76	0.76	1.62	9.28	14708	91.7472%	TSS	--	0.289	28.3	#VALUE!	14.45345541
5439000	7/31/1984	0.75	0.75	1.62	9.26	14713	91.7784%	TSS	--	0.289	28.3	#VALUE!	14.42826315
5439000	10/14/1988	0.75	0.75	1.62	9.26	14713	91.7784%	TSS	--	0.289	28.3	#VALUE!	14.42826315
5439000	3/1/2006	0.75	0.75	1.62	9.26	14713	91.7784%	TSS	--	0.289	28.3	#VALUE!	14.42826315
5439000	3/2/2006	0.75	0.75	1.62	9.26	14713	91.7784%	TSS	--	0.289	28.3	#VALUE!	14.42826315
5439000	11/30/2013	0.75	0.75	1.62	9.26	14713	91.7784%	TSS	--	0.289	28.3	#VALUE!	14.42826315
5439000	12/2/2013	0.75	0.75	1.62	9.26	14713	91.7784%	TSS	--	0.289	28.3	#VALUE!	14.42826315
5439000	8/31/1988	0.74	0.74	1.62	9.25	14719	91.8159%	TSS	--	0.289	28.3	#VALUE!	14.40307089
5439000	9/15/2004	0.74	0.74	1.62	9.25	14719	91.8159%	TSS	--	0.289	28.3	#VALUE!	14.40307089

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/21/2006	0.74	0.74	1.62	9.25	14719	91.8159%	TSS	--	0.289	28.3	#VALUE!	14.40307089
5439000	10/15/2006	0.74	0.74	1.62	9.25	14719	91.8159%	TSS	--	0.289	28.3	#VALUE!	14.40307089
5439000	9/13/2012	0.74	0.74	1.62	9.25	14719	91.8159%	TSS	--	0.289	28.3	#VALUE!	14.40307089
5439000	10/1/2012	0.74	0.74	1.62	9.25	14719	91.8159%	TSS	--	0.289	28.3	#VALUE!	14.40307089
5439000	8/23/1991	0.73	0.73	1.62	9.23	14725	91.8533%	TSS	--	0.289	28.3	#VALUE!	14.37787862
5439000	11/26/1997	0.73	0.73	1.62	9.23	14725	91.8533%	TSS	--	0.289	28.3	#VALUE!	14.37787862
5439000	9/7/2004	0.73	0.73	1.62	9.23	14725	91.8533%	TSS	--	0.289	28.3	#VALUE!	14.37787862
5439000	9/17/2004	0.73	0.73	1.62	9.23	14725	91.8533%	TSS	--	0.289	28.3	#VALUE!	14.37787862
5439000	10/4/2012	0.73	0.73	1.62	9.23	14725	91.8533%	TSS	--	0.289	28.3	#VALUE!	14.37787862
5439000	10/22/2013	0.73	0.73	1.62	9.23	14725	91.8533%	TSS	--	0.289	28.3	#VALUE!	14.37787862
5439000	9/5/2001	0.72	0.72	1.62	9.21	14731	91.8907%	TSS	--	0.289	28.3	#VALUE!	14.35268636
5439000	9/24/2002	0.72	0.72	1.62	9.21	14731	91.8907%	TSS	--	0.289	28.3	#VALUE!	14.35268636
5439000	8/16/2004	0.72	0.72	1.62	9.21	14731	91.8907%	TSS	--	0.289	28.3	#VALUE!	14.35268636
5439000	10/30/2012	0.72	0.72	1.62	9.21	14731	91.8907%	TSS	--	0.289	28.3	#VALUE!	14.35268636
5439000	8/22/1992	0.71	0.71	1.62	9.20	14735	91.9157%	TSS	--	0.289	28.3	#VALUE!	14.3274941
5439000	10/13/1995	0.71	0.71	1.62	9.20	14735	91.9157%	TSS	--	0.289	28.3	#VALUE!	14.3274941
5439000	7/17/1925	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	7/18/1925	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	7/19/1925	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	7/23/1925	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	7/24/1925	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	7/31/1925	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	8/1/1925	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	11/7/1925	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	12/23/1925	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	8/19/1927	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	9/8/1927	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	9/16/1927	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	9/22/1927	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	9/27/1928	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	10/10/1928	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	9/7/1929	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/17/1929	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	9/21/1929	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	9/22/1929	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	9/23/1929	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	9/27/1929	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	9/28/1929	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	10/11/1929	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	8/8/1930	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	8/10/1930	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	8/11/1930	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	8/16/1930	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	11/28/1930	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	1/9/1931	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	1/10/1931	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	1/11/1931	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	1/12/1931	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	1/22/1931	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	10/11/1932	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	11/26/1932	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	12/2/1932	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	12/3/1932	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	8/12/1933	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	8/13/1933	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	8/24/1933	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	9/11/1933	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	8/23/1997	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	8/24/1997	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	12/23/1997	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	12/26/2002	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	0.13	0.289	28.3	6.433561377	14.30230183
5439000	9/28/2010	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	12/8/2012	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183
5439000	12/1/2013	0.7	0.7	1.62	9.18	14737	91.9281%	TSS	--	0.289	28.3	#VALUE!	14.30230183

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/13/1998	0.69	0.69	1.62	9.16	14785	92.2276%	TSS	--	0.289	28.3	#VALUE!	14.27710957
5439000	8/16/1999	0.69	0.69	1.62	9.16	14785	92.2276%	TSS	--	0.289	28.3	#VALUE!	14.27710957
5439000	9/3/2004	0.69	0.69	1.62	9.16	14785	92.2276%	TSS	--	0.289	28.3	#VALUE!	14.27710957
5439000	9/9/2006	0.69	0.69	1.62	9.16	14785	92.2276%	TSS	--	0.289	28.3	#VALUE!	14.27710957
5439000	9/18/2011	0.69	0.69	1.62	9.16	14785	92.2276%	TSS	--	0.289	28.3	#VALUE!	14.27710957
5439000	9/19/1988	0.68	0.68	1.62	9.15	14790	92.2587%	TSS	--	0.289	28.3	#VALUE!	14.2519173
5439000	9/2/1995	0.68	0.68	1.62	9.15	14790	92.2587%	TSS	--	0.289	28.3	#VALUE!	14.2519173
5439000	12/13/1997	0.68	0.68	1.62	9.15	14790	92.2587%	TSS	--	0.289	28.3	#VALUE!	14.2519173
5439000	9/20/1999	0.68	0.68	1.62	9.15	14790	92.2587%	TSS	--	0.289	28.3	#VALUE!	14.2519173
5439000	7/28/2001	0.68	0.68	1.62	9.15	14790	92.2587%	TSS	--	0.289	28.3	#VALUE!	14.2519173
5439000	10/1/2006	0.68	0.68	1.62	9.15	14790	92.2587%	TSS	--	0.289	28.3	#VALUE!	14.2519173
5439000	9/11/2012	0.68	0.68	1.62	9.15	14790	92.2587%	TSS	--	0.289	28.3	#VALUE!	14.2519173
5439000	10/4/1988	0.67	0.67	1.62	9.13	14797	92.3024%	TSS	--	0.289	28.3	#VALUE!	14.22672504
5439000	11/22/1997	0.67	0.67	1.62	9.13	14797	92.3024%	TSS	--	0.289	28.3	#VALUE!	14.22672504
5439000	9/12/1999	0.67	0.67	1.62	9.13	14797	92.3024%	TSS	--	0.289	28.3	#VALUE!	14.22672504
5439000	11/7/2005	0.67	0.67	1.62	9.13	14797	92.3024%	TSS	--	0.289	28.3	#VALUE!	14.22672504
5439000	10/7/2006	0.67	0.67	1.62	9.13	14797	92.3024%	TSS	--	0.289	28.3	#VALUE!	14.22672504
5439000	9/17/2010	0.67	0.67	1.62	9.13	14797	92.3024%	TSS	--	0.289	28.3	#VALUE!	14.22672504
5439000	10/2/2012	0.67	0.67	1.62	9.13	14797	92.3024%	TSS	--	0.289	28.3	#VALUE!	14.22672504
5439000	7/30/1988	0.66	0.66	1.62	9.12	14804	92.3461%	TSS	--	0.289	28.3	#VALUE!	14.20153278
5439000	9/3/1999	0.66	0.66	1.62	9.12	14804	92.3461%	TSS	--	0.289	28.3	#VALUE!	14.20153278
5439000	8/11/2003	0.66	0.66	1.62	9.12	14804	92.3461%	TSS	--	0.289	28.3	#VALUE!	14.20153278
5439000	8/21/2004	0.66	0.66	1.62	9.12	14804	92.3461%	TSS	--	0.289	28.3	#VALUE!	14.20153278
5439000	9/2/2004	0.66	0.66	1.62	9.12	14804	92.3461%	TSS	--	0.289	28.3	#VALUE!	14.20153278
5439000	9/25/2005	0.66	0.66	1.62	9.12	14804	92.3461%	TSS	--	0.289	28.3	#VALUE!	14.20153278
5439000	7/28/1988	0.65	0.65	1.62	9.10	14810	92.3835%	TSS	--	0.289	28.3	#VALUE!	14.17634051
5439000	8/21/2001	0.65	0.65	1.62	9.10	14810	92.3835%	TSS	--	0.289	28.3	#VALUE!	14.17634051
5439000	9/14/2003	0.65	0.65	1.62	9.10	14810	92.3835%	TSS	--	0.289	28.3	#VALUE!	14.17634051
5439000	7/11/2005	0.65	0.65	1.62	9.10	14810	92.3835%	TSS	--	0.289	28.3	#VALUE!	14.17634051
5439000	3/3/2006	0.65	0.65	1.62	9.10	14810	92.3835%	TSS	--	0.289	28.3	#VALUE!	14.17634051
5439000	8/8/2006	0.65	0.65	1.62	9.10	14810	92.3835%	TSS	--	0.289	28.3	#VALUE!	14.17634051
5439000	12/27/2012	0.65	0.65	1.62	9.10	14810	92.3835%	TSS	--	0.289	28.3	#VALUE!	14.17634051

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/3/1988	0.64	0.64	1.62	9.08	14817	92.4272%	TSS	--	0.289	28.3	#VALUE!	14.15114825
5439000	9/24/1988	0.64	0.64	1.62	9.08	14817	92.4272%	TSS	--	0.289	28.3	#VALUE!	14.15114825
5439000	9/15/1994	0.64	0.64	1.62	9.08	14817	92.4272%	TSS	--	0.289	28.3	#VALUE!	14.15114825
5439000	11/17/1997	0.64	0.64	1.62	9.08	14817	92.4272%	TSS	--	0.289	28.3	#VALUE!	14.15114825
5439000	11/26/2002	0.64	0.64	1.62	9.08	14817	92.4272%	TSS	--	0.289	28.3	#VALUE!	14.15114825
5439000	10/24/2003	0.64	0.64	1.62	9.08	14817	92.4272%	TSS	--	0.289	28.3	#VALUE!	14.15114825
5439000	11/14/2005	0.64	0.64	1.62	9.08	14817	92.4272%	TSS	--	0.289	28.3	#VALUE!	14.15114825
5439000	9/27/2010	0.64	0.64	1.62	9.08	14817	92.4272%	TSS	--	0.289	28.3	#VALUE!	14.15114825
5439000	8/1/1984	0.63	0.63	1.62	9.07	14825	92.4771%	TSS	--	0.289	28.3	#VALUE!	14.12595598
5439000	8/3/1984	0.63	0.63	1.62	9.07	14825	92.4771%	TSS	--	0.289	28.3	#VALUE!	14.12595598
5439000	9/22/1988	0.63	0.63	1.62	9.07	14825	92.4771%	TSS	--	0.289	28.3	#VALUE!	14.12595598
5439000	8/1/2006	0.63	0.63	1.62	9.07	14825	92.4771%	TSS	--	0.289	28.3	#VALUE!	14.12595598
5439000	10/3/1995	0.62	0.62	1.62	9.05	14829	92.5020%	TSS	--	0.289	28.3	#VALUE!	14.10076372
5439000	8/11/1997	0.62	0.62	1.62	9.05	14829	92.5020%	TSS	--	0.289	28.3	#VALUE!	14.10076372
5439000	10/25/1997	0.62	0.62	1.62	9.05	14829	92.5020%	TSS	--	0.289	28.3	#VALUE!	14.10076372
5439000	7/25/2002	0.62	0.62	1.62	9.05	14829	92.5020%	TSS	--	0.289	28.3	#VALUE!	14.10076372
5439000	12/15/2002	0.62	0.62	1.62	9.05	14829	92.5020%	TSS	--	0.289	28.3	#VALUE!	14.10076372
5439000	8/22/2004	0.62	0.62	1.62	9.05	14829	92.5020%	TSS	--	0.289	28.3	#VALUE!	14.10076372
5439000	8/24/2005	0.62	0.62	1.62	9.05	14829	92.5020%	TSS	--	0.289	28.3	#VALUE!	14.10076372
5439000	10/8/2006	0.62	0.62	1.62	9.05	14829	92.5020%	TSS	--	0.289	28.3	#VALUE!	14.10076372
5439000	11/2/2012	0.62	0.62	1.62	9.05	14829	92.5020%	TSS	--	0.289	28.3	#VALUE!	14.10076372
5439000	12/18/2012	0.62	0.62	1.62	9.05	14829	92.5020%	TSS	--	0.289	28.3	#VALUE!	14.10076372
5439000	9/3/1995	0.61	0.61	1.62	9.04	14839	92.5644%	TSS	--	0.289	28.3	#VALUE!	14.07557146
5439000	8/23/2001	0.61	0.61	1.62	9.04	14839	92.5644%	TSS	--	0.289	28.3	#VALUE!	14.07557146
5439000	9/13/2001	0.61	0.61	1.62	9.04	14839	92.5644%	TSS	--	0.289	28.3	#VALUE!	14.07557146
5439000	9/29/2006	0.61	0.61	1.62	9.04	14839	92.5644%	TSS	--	0.289	28.3	#VALUE!	14.07557146
5439000	10/26/2013	0.61	0.61	1.62	9.04	14839	92.5644%	TSS	--	0.289	28.3	#VALUE!	14.07557146
5439000	1/4/2014	0.61	0.61	1.62	9.04	14839	92.5644%	TSS	--	0.289	28.3	#VALUE!	14.07557146
5439000	7/25/1925	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	7/26/1925	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	7/27/1925	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/2/1925	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/7/1925	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/8/1925	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/9/1925	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/10/1925	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/11/1925	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/12/1925	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/13/1925	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/14/1925	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	9/14/1925	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	10/2/1925	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	10/26/1925	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	10/30/1925	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	12/24/1925	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/6/1927	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/20/1927	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/21/1927	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	9/23/1927	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	9/28/1928	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	9/29/1928	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	9/30/1928	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	10/6/1929	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	9/14/1930	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/13/1931	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/14/1931	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/19/1931	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	9/4/1931	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	9/6/1931	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	9/8/1931	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	9/12/1931	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	7/20/1932	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/2/1932	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	10/23/1932	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/25/1932	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	11/27/1932	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	11/29/1932	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/19/1933	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/20/1933	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/28/1933	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	9/4/1933	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	9/8/1933	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	9/9/1933	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	9/10/1933	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	9/12/1933	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	7/29/1988	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	9/13/1995	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/14/1997	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/25/1997	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	9/7/1997	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	12/7/1997	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	8/15/2004	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	10/14/2013	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	10/20/2013	0.6	0.6	1.62	9.02	14845	92.6018%	TSS	--	0.289	28.3	#VALUE!	14.05037919
5439000	10/1/1997	0.59	0.59	1.62	9.00	14901	92.9512%	TSS	--	0.289	28.3	#VALUE!	14.02518693
5439000	11/23/1997	0.59	0.59	1.62	9.00	14901	92.9512%	TSS	--	0.289	28.3	#VALUE!	14.02518693
5439000	8/7/2001	0.59	0.59	1.62	9.00	14901	92.9512%	TSS	--	0.289	28.3	#VALUE!	14.02518693
5439000	7/26/2002	0.59	0.59	1.62	9.00	14901	92.9512%	TSS	--	0.289	28.3	#VALUE!	14.02518693
5439000	12/8/2010	0.59	0.59	1.62	9.00	14901	92.9512%	TSS	--	0.289	28.3	#VALUE!	14.02518693
5439000	10/3/2012	0.59	0.59	1.62	9.00	14901	92.9512%	TSS	--	0.289	28.3	#VALUE!	14.02518693
5439000	9/18/2013	0.59	0.59	1.62	9.00	14901	92.9512%	TSS	--	0.289	28.3	#VALUE!	14.02518693
5439000	8/16/1984	0.58	0.58	1.62	8.99	14908	92.9948%	TSS	--	0.289	28.3	#VALUE!	13.99999467
5439000	8/3/1988	0.58	0.58	1.62	8.99	14908	92.9948%	TSS	--	0.289	28.3	#VALUE!	13.99999467
5439000	9/7/2002	0.58	0.58	1.62	8.99	14908	92.9948%	TSS	--	0.289	28.3	#VALUE!	13.99999467
5439000	9/10/2002	0.58	0.58	1.62	8.99	14908	92.9948%	TSS	--	0.289	28.3	#VALUE!	13.99999467
5439000	10/10/2002	0.58	0.58	1.62	8.99	14908	92.9948%	TSS	--	0.289	28.3	#VALUE!	13.99999467

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/18/2003	0.58	0.58	1.62	8.99	14908	92.9948%	TSS	--	0.289	28.3	#VALUE!	13.99999467
5439000	7/30/2005	0.58	0.58	1.62	8.99	14908	92.9948%	TSS	--	0.289	28.3	#VALUE!	13.99999467
5439000	3/5/2006	0.58	0.58	1.62	8.99	14908	92.9948%	TSS	--	0.289	28.3	#VALUE!	13.99999467
5439000	9/29/2014	0.58	0.58	1.62	8.99	14908	92.9948%	TSS	--	0.289	28.3	#VALUE!	13.99999467
5439000	11/21/1997	0.57	0.57	1.62	8.97	14917	93.0510%	TSS	--	0.289	28.3	#VALUE!	13.9748024
5439000	12/14/1997	0.57	0.57	1.62	8.97	14917	93.0510%	TSS	--	0.289	28.3	#VALUE!	13.9748024
5439000	12/27/2002	0.57	0.57	1.62	8.97	14917	93.0510%	TSS	--	0.289	28.3	#VALUE!	13.9748024
5439000	10/19/2003	0.57	0.57	1.62	8.97	14917	93.0510%	TSS	--	0.289	28.3	#VALUE!	13.9748024
5439000	9/26/2005	0.57	0.57	1.62	8.97	14917	93.0510%	TSS	--	0.289	28.3	#VALUE!	13.9748024
5439000	10/9/2006	0.57	0.57	1.62	8.97	14917	93.0510%	TSS	--	0.289	28.3	#VALUE!	13.9748024
5439000	9/21/2011	0.57	0.57	1.62	8.97	14917	93.0510%	TSS	--	0.289	28.3	#VALUE!	13.9748024
5439000	9/17/2013	0.57	0.57	1.62	8.97	14917	93.0510%	TSS	--	0.289	28.3	#VALUE!	13.9748024
5439000	10/25/1988	0.56	0.56	1.62	8.95	14925	93.1009%	TSS	--	0.289	28.3	#VALUE!	13.94961014
5439000	11/24/1997	0.56	0.56	1.62	8.95	14925	93.1009%	TSS	--	0.289	28.3	#VALUE!	13.94961014
5439000	8/24/2001	0.56	0.56	1.62	8.95	14925	93.1009%	TSS	--	0.289	28.3	#VALUE!	13.94961014
5439000	9/14/2002	0.56	0.56	1.62	8.95	14925	93.1009%	TSS	--	0.289	28.3	#VALUE!	13.94961014
5439000	8/9/2003	0.56	0.56	1.62	8.95	14925	93.1009%	TSS	--	0.289	28.3	#VALUE!	13.94961014
5439000	8/22/2003	0.56	0.56	1.62	8.95	14925	93.1009%	TSS	--	0.289	28.3	#VALUE!	13.94961014
5439000	8/23/2004	0.56	0.56	1.62	8.95	14925	93.1009%	TSS	--	0.289	28.3	#VALUE!	13.94961014
5439000	8/16/2005	0.56	0.56	1.62	8.95	14925	93.1009%	TSS	--	0.289	28.3	#VALUE!	13.94961014
5439000	9/7/2011	0.56	0.56	1.62	8.95	14925	93.1009%	TSS	--	0.289	28.3	#VALUE!	13.94961014
5439000	8/15/2013	0.56	0.56	1.62	8.95	14925	93.1009%	TSS	--	0.289	28.3	#VALUE!	13.94961014
5439000	10/21/2013	0.56	0.56	1.62	8.95	14925	93.1009%	TSS	--	0.289	28.3	#VALUE!	13.94961014
5439000	9/27/1995	0.55	0.55	1.62	8.94	14936	93.1695%	TSS	--	0.289	28.3	#VALUE!	13.92441787
5439000	8/12/1997	0.55	0.55	1.62	8.94	14936	93.1695%	TSS	--	0.289	28.3	#VALUE!	13.92441787
5439000	11/18/1997	0.55	0.55	1.62	8.94	14936	93.1695%	TSS	--	0.289	28.3	#VALUE!	13.92441787
5439000	9/11/1998	0.55	0.55	1.62	8.94	14936	93.1695%	TSS	--	0.289	28.3	#VALUE!	13.92441787
5439000	9/25/2002	0.55	0.55	1.62	8.94	14936	93.1695%	TSS	0.10	0.289	28.3	4.818137673	13.92441787
5439000	8/20/2012	0.55	0.55	1.62	8.94	14936	93.1695%	TSS	--	0.289	28.3	#VALUE!	13.92441787
5439000	9/30/2012	0.55	0.55	1.62	8.94	14936	93.1695%	TSS	--	0.289	28.3	#VALUE!	13.92441787
5439000	12/25/2013	0.55	0.55	1.62	8.94	14936	93.1695%	TSS	--	0.289	28.3	#VALUE!	13.92441787
5439000	12/22/1997	0.54	0.54	1.62	8.92	14944	93.2194%	TSS	--	0.289	28.3	#VALUE!	13.89922561

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/8/2002	0.54	0.54	1.62	8.92	14944	93.2194%	TSS	--	0.289	28.3	#VALUE!	13.89922561
5439000	9/12/2002	0.54	0.54	1.62	8.92	14944	93.2194%	TSS	--	0.289	28.3	#VALUE!	13.89922561
5439000	11/27/2002	0.54	0.54	1.62	8.92	14944	93.2194%	TSS	--	0.289	28.3	#VALUE!	13.89922561
5439000	1/8/2006	0.54	0.54	1.62	8.92	14944	93.2194%	TSS	--	0.289	28.3	#VALUE!	13.89922561
5439000	10/2/2010	0.54	0.54	1.62	8.92	14944	93.2194%	TSS	--	0.289	28.3	#VALUE!	13.89922561
5439000	12/28/2012	0.54	0.54	1.62	8.92	14944	93.2194%	TSS	--	0.289	28.3	#VALUE!	13.89922561
5439000	9/16/1994	0.53	0.53	1.62	8.91	14951	93.2631%	TSS	--	0.289	28.3	#VALUE!	13.87403335
5439000	7/28/1997	0.53	0.53	1.62	8.91	14951	93.2631%	TSS	--	0.289	28.3	#VALUE!	13.87403335
5439000	9/1/1999	0.53	0.53	1.62	8.91	14951	93.2631%	TSS	--	0.289	28.3	#VALUE!	13.87403335
5439000	8/27/2001	0.53	0.53	1.62	8.91	14951	93.2631%	TSS	--	0.289	28.3	#VALUE!	13.87403335
5439000	10/27/2004	0.53	0.53	1.62	8.91	14951	93.2631%	TSS	--	0.289	28.3	#VALUE!	13.87403335
5439000	10/3/2010	0.53	0.53	1.62	8.91	14951	93.2631%	TSS	--	0.289	28.3	#VALUE!	13.87403335
5439000	9/21/2013	0.53	0.53	1.62	8.91	14951	93.2631%	TSS	--	0.289	28.3	#VALUE!	13.87403335
5439000	8/2/1984	0.52	0.52	1.62	8.89	14958	93.3067%	TSS	--	0.289	28.3	#VALUE!	13.84884108
5439000	7/27/1988	0.52	0.52	1.62	8.89	14958	93.3067%	TSS	--	0.289	28.3	#VALUE!	13.84884108
5439000	10/22/1988	0.52	0.52	1.62	8.89	14958	93.3067%	TSS	--	0.289	28.3	#VALUE!	13.84884108
5439000	11/19/1997	0.52	0.52	1.62	8.89	14958	93.3067%	TSS	--	0.289	28.3	#VALUE!	13.84884108
5439000	9/14/2001	0.52	0.52	1.62	8.89	14958	93.3067%	TSS	--	0.289	28.3	#VALUE!	13.84884108
5439000	9/16/2001	0.52	0.52	1.62	8.89	14958	93.3067%	TSS	--	0.289	28.3	#VALUE!	13.84884108
5439000	12/14/2002	0.52	0.52	1.62	8.89	14958	93.3067%	TSS	--	0.289	28.3	#VALUE!	13.84884108
5439000	9/4/2004	0.52	0.52	1.62	8.89	14958	93.3067%	TSS	--	0.289	28.3	#VALUE!	13.84884108
5439000	10/14/2004	0.52	0.52	1.62	8.89	14958	93.3067%	TSS	--	0.289	28.3	#VALUE!	13.84884108
5439000	3/4/2006	0.52	0.52	1.62	8.89	14958	93.3067%	TSS	--	0.289	28.3	#VALUE!	13.84884108
5439000	9/30/2006	0.52	0.52	1.62	8.89	14958	93.3067%	TSS	--	0.289	28.3	#VALUE!	13.84884108
5439000	9/30/2014	0.52	0.52	1.62	8.89	14958	93.3067%	TSS	--	0.289	28.3	#VALUE!	13.84884108
5439000	10/15/1988	0.51	0.51	1.62	8.87	14970	93.3816%	TSS	--	0.289	28.3	#VALUE!	13.82364882
5439000	10/20/1988	0.51	0.51	1.62	8.87	14970	93.3816%	TSS	--	0.289	28.3	#VALUE!	13.82364882
5439000	10/18/1997	0.51	0.51	1.62	8.87	14970	93.3816%	TSS	--	0.289	28.3	#VALUE!	13.82364882
5439000	11/9/1997	0.51	0.51	1.62	8.87	14970	93.3816%	TSS	--	0.289	28.3	#VALUE!	13.82364882
5439000	11/20/1997	0.51	0.51	1.62	8.87	14970	93.3816%	TSS	--	0.289	28.3	#VALUE!	13.82364882
5439000	12/9/1997	0.51	0.51	1.62	8.87	14970	93.3816%	TSS	--	0.289	28.3	#VALUE!	13.82364882
5439000	8/10/2003	0.51	0.51	1.62	8.87	14970	93.3816%	TSS	--	0.289	28.3	#VALUE!	13.82364882

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/27/2006	0.51	0.51	1.62	8.87	14970	93.3816%	TSS	--	0.289	28.3	#VALUE!	13.82364882
5439000	12/29/2012	0.51	0.51	1.62	8.87	14970	93.3816%	TSS	--	0.289	28.3	#VALUE!	13.82364882
5439000	7/28/1925	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	7/29/1925	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	9/11/1925	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	10/25/1925	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	9/9/1927	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	9/11/1927	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	9/17/1927	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	10/1/1928	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	10/11/1928	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	8/5/1930	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	8/23/1930	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	1/13/1931	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	7/28/1931	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	7/29/1931	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	7/30/1931	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	7/31/1931	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	8/1/1931	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	8/2/1931	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	8/3/1931	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	8/4/1931	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	8/8/1931	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	8/15/1931	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	8/16/1931	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	9/10/1931	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	7/21/1932	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	9/1/1932	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	9/17/1932	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	10/12/1932	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	10/16/1932	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	10/24/1932	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/28/1932	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	11/30/1932	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	12/1/1932	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	8/21/1933	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	9/5/1933	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	9/14/1933	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	9/27/1933	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	9/16/1995	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	11/25/1997	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	9/2/1999	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	9/15/2001	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	9/26/2002	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	12/28/2002	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	10/20/2003	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	10/10/2006	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	9/6/2013	0.5	0.5	1.62	8.86	14979	93.4377%	TSS	--	0.289	28.3	#VALUE!	13.79845655
5439000	11/1/1988	0.49	0.49	1.62	8.84	15025	93.7247%	TSS	--	0.289	28.3	#VALUE!	13.77326429
5439000	9/12/1995	0.49	0.49	1.62	8.84	15025	93.7247%	TSS	--	0.289	28.3	#VALUE!	13.77326429
5439000	12/20/1997	0.49	0.49	1.62	8.84	15025	93.7247%	TSS	--	0.289	28.3	#VALUE!	13.77326429
5439000	7/29/2001	0.49	0.49	1.62	8.84	15025	93.7247%	TSS	--	0.289	28.3	#VALUE!	13.77326429
5439000	8/20/2002	0.49	0.49	1.62	8.84	15025	93.7247%	TSS	--	0.289	28.3	#VALUE!	13.77326429
5439000	9/8/2004	0.49	0.49	1.62	8.84	15025	93.7247%	TSS	--	0.289	28.3	#VALUE!	13.77326429
5439000	9/24/2005	0.49	0.49	1.62	8.84	15025	93.7247%	TSS	--	0.289	28.3	#VALUE!	13.77326429
5439000	9/27/2005	0.49	0.49	1.62	8.84	15025	93.7247%	TSS	--	0.289	28.3	#VALUE!	13.77326429
5439000	12/11/2012	0.49	0.49	1.62	8.84	15025	93.7247%	TSS	--	0.289	28.3	#VALUE!	13.77326429
5439000	8/4/1988	0.48	0.48	1.62	8.82	15034	93.7808%	TSS	--	0.289	28.3	#VALUE!	13.74807203
5439000	7/29/1997	0.48	0.48	1.62	8.82	15034	93.7808%	TSS	--	0.289	28.3	#VALUE!	13.74807203
5439000	11/15/1997	0.48	0.48	1.62	8.82	15034	93.7808%	TSS	--	0.289	28.3	#VALUE!	13.74807203
5439000	8/12/2003	0.48	0.48	1.62	8.82	15034	93.7808%	TSS	--	0.289	28.3	#VALUE!	13.74807203
5439000	7/12/2005	0.48	0.48	1.62	8.82	15034	93.7808%	TSS	--	0.289	28.3	#VALUE!	13.74807203
5439000	8/19/2006	0.48	0.48	1.62	8.82	15034	93.7808%	TSS	--	0.289	28.3	#VALUE!	13.74807203
5439000	9/8/2011	0.48	0.48	1.62	8.82	15034	93.7808%	TSS	--	0.289	28.3	#VALUE!	13.74807203

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/6/2013	0.48	0.48	1.62	8.82	15034	93.7808%	TSS	--	0.289	28.3	#VALUE!	13.74807203
5439000	8/18/1992	0.47	0.47	1.62	8.81	15042	93.8307%	TSS	--	0.289	28.3	#VALUE!	13.72287976
5439000	12/8/1997	0.47	0.47	1.62	8.81	15042	93.8307%	TSS	--	0.289	28.3	#VALUE!	13.72287976
5439000	12/21/1997	0.47	0.47	1.62	8.81	15042	93.8307%	TSS	--	0.289	28.3	#VALUE!	13.72287976
5439000	8/9/2002	0.47	0.47	1.62	8.81	15042	93.8307%	TSS	0.11	0.289	28.3	5.223241432	13.72287976
5439000	12/13/2002	0.47	0.47	1.62	8.81	15042	93.8307%	TSS	--	0.289	28.3	#VALUE!	13.72287976
5439000	11/18/2005	0.47	0.47	1.62	8.81	15042	93.8307%	TSS	--	0.289	28.3	#VALUE!	13.72287976
5439000	8/28/2013	0.47	0.47	1.62	8.81	15042	93.8307%	TSS	--	0.289	28.3	#VALUE!	13.72287976
5439000	12/26/2013	0.47	0.47	1.62	8.81	15042	93.8307%	TSS	--	0.289	28.3	#VALUE!	13.72287976
5439000	7/26/1988	0.46	0.46	1.62	8.79	15050	93.8806%	TSS	--	0.289	28.3	#VALUE!	13.6976875
5439000	8/2/1988	0.46	0.46	1.62	8.79	15050	93.8806%	TSS	--	0.289	28.3	#VALUE!	13.6976875
5439000	11/2/1988	0.46	0.46	1.62	8.79	15050	93.8806%	TSS	--	0.289	28.3	#VALUE!	13.6976875
5439000	12/16/1997	0.46	0.46	1.62	8.79	15050	93.8806%	TSS	--	0.289	28.3	#VALUE!	13.6976875
5439000	8/19/1999	0.46	0.46	1.62	8.79	15050	93.8806%	TSS	--	0.289	28.3	#VALUE!	13.6976875
5439000	3/10/2003	0.46	0.46	1.62	8.79	15050	93.8806%	TSS	--	0.289	28.3	#VALUE!	13.6976875
5439000	10/23/2003	0.46	0.46	1.62	8.79	15050	93.8806%	TSS	--	0.289	28.3	#VALUE!	13.6976875
5439000	9/18/2004	0.46	0.46	1.62	8.79	15050	93.8806%	TSS	--	0.289	28.3	#VALUE!	13.6976875
5439000	8/11/2005	0.46	0.46	1.62	8.79	15050	93.8806%	TSS	--	0.289	28.3	#VALUE!	13.6976875
5439000	8/11/2006	0.46	0.46	1.62	8.79	15050	93.8806%	TSS	--	0.289	28.3	#VALUE!	13.6976875
5439000	10/4/2010	0.46	0.46	1.62	8.79	15050	93.8806%	TSS	--	0.289	28.3	#VALUE!	13.6976875
5439000	7/16/2012	0.46	0.46	1.62	8.79	15050	93.8806%	TSS	--	0.289	28.3	#VALUE!	13.6976875
5439000	8/16/2013	0.46	0.46	1.62	8.79	15050	93.8806%	TSS	--	0.289	28.3	#VALUE!	13.6976875
5439000	10/14/1984	0.45	0.45	1.62	8.78	15063	93.9617%	TSS	--	0.289	28.3	#VALUE!	13.67249524
5439000	7/7/1988	0.45	0.45	1.62	8.78	15063	93.9617%	TSS	--	0.289	28.3	#VALUE!	13.67249524
5439000	7/16/1988	0.45	0.45	1.62	8.78	15063	93.9617%	TSS	--	0.289	28.3	#VALUE!	13.67249524
5439000	9/3/1988	0.45	0.45	1.62	8.78	15063	93.9617%	TSS	--	0.289	28.3	#VALUE!	13.67249524
5439000	9/17/1995	0.45	0.45	1.62	8.78	15063	93.9617%	TSS	--	0.289	28.3	#VALUE!	13.67249524
5439000	12/15/1997	0.45	0.45	1.62	8.78	15063	93.9617%	TSS	--	0.289	28.3	#VALUE!	13.67249524
5439000	9/14/1999	0.45	0.45	1.62	8.78	15063	93.9617%	TSS	--	0.289	28.3	#VALUE!	13.67249524
5439000	8/10/2001	0.45	0.45	1.62	8.78	15063	93.9617%	TSS	--	0.289	28.3	#VALUE!	13.67249524
5439000	8/2/2002	0.45	0.45	1.62	8.78	15063	93.9617%	TSS	--	0.289	28.3	#VALUE!	13.67249524
5439000	11/28/2002	0.45	0.45	1.62	8.78	15063	93.9617%	TSS	--	0.289	28.3	#VALUE!	13.67249524

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/3/2005	0.45	0.45	1.62	8.78	15063	93.9617%	TSS	--	0.289	28.3	#VALUE!	13.67249524
5439000	8/10/2006	0.45	0.45	1.62	8.78	15063	93.9617%	TSS	0.34	0.289	28.3	16.2745272	13.67249524
5439000	8/24/2008	0.45	0.45	1.62	8.78	15063	93.9617%	TSS	--	0.289	28.3	#VALUE!	13.67249524
5439000	7/30/2012	0.45	0.45	1.62	8.78	15063	93.9617%	TSS	--	0.289	28.3	#VALUE!	13.67249524
5439000	1/3/2013	0.45	0.45	1.62	8.78	15063	93.9617%	TSS	--	0.289	28.3	#VALUE!	13.67249524
5439000	9/29/2013	0.45	0.45	1.62	8.78	15063	93.9617%	TSS	--	0.289	28.3	#VALUE!	13.67249524
5439000	10/3/2005	0.44	0.44	1.62	8.76	15079	94.0615%	TSS	--	0.289	28.3	#VALUE!	13.64730297
5439000	9/10/2011	0.44	0.44	1.62	8.76	15079	94.0615%	TSS	--	0.289	28.3	#VALUE!	13.64730297
5439000	11/15/2012	0.44	0.44	1.62	8.76	15079	94.0615%	TSS	--	0.289	28.3	#VALUE!	13.64730297
5439000	7/31/1988	0.43	0.43	1.62	8.74	15082	94.0802%	TSS	--	0.289	28.3	#VALUE!	13.62211071
5439000	10/19/1988	0.43	0.43	1.62	8.74	15082	94.0802%	TSS	--	0.289	28.3	#VALUE!	13.62211071
5439000	9/18/1995	0.43	0.43	1.62	8.74	15082	94.0802%	TSS	--	0.289	28.3	#VALUE!	13.62211071
5439000	9/28/1995	0.43	0.43	1.62	8.74	15082	94.0802%	TSS	--	0.289	28.3	#VALUE!	13.62211071
5439000	11/11/1997	0.43	0.43	1.62	8.74	15082	94.0802%	TSS	--	0.289	28.3	#VALUE!	13.62211071
5439000	8/20/1999	0.43	0.43	1.62	8.74	15082	94.0802%	TSS	--	0.289	28.3	#VALUE!	13.62211071
5439000	12/10/2010	0.43	0.43	1.62	8.74	15082	94.0802%	TSS	--	0.289	28.3	#VALUE!	13.62211071
5439000	10/27/2013	0.43	0.43	1.62	8.74	15082	94.0802%	TSS	--	0.289	28.3	#VALUE!	13.62211071
5439000	1/5/2014	0.43	0.43	1.62	8.74	15082	94.0802%	TSS	--	0.289	28.3	#VALUE!	13.62211071
5439000	9/23/1988	0.42	0.42	1.62	8.73	15091	94.1364%	TSS	--	0.289	28.3	#VALUE!	13.59691844
5439000	10/12/1995	0.42	0.42	1.62	8.73	15091	94.1364%	TSS	--	0.289	28.3	#VALUE!	13.59691844
5439000	8/9/2001	0.42	0.42	1.62	8.73	15091	94.1364%	TSS	--	0.289	28.3	#VALUE!	13.59691844
5439000	12/12/2002	0.42	0.42	1.62	8.73	15091	94.1364%	TSS	--	0.289	28.3	#VALUE!	13.59691844
5439000	12/29/2002	0.42	0.42	1.62	8.73	15091	94.1364%	TSS	--	0.289	28.3	#VALUE!	13.59691844
5439000	10/21/2003	0.42	0.42	1.62	8.73	15091	94.1364%	TSS	--	0.289	28.3	#VALUE!	13.59691844
5439000	7/13/2005	0.42	0.42	1.62	8.73	15091	94.1364%	TSS	--	0.289	28.3	#VALUE!	13.59691844
5439000	8/3/2012	0.42	0.42	1.62	8.73	15091	94.1364%	TSS	--	0.289	28.3	#VALUE!	13.59691844
5439000	8/21/2012	0.42	0.42	1.62	8.73	15091	94.1364%	TSS	--	0.289	28.3	#VALUE!	13.59691844
5439000	8/18/2013	0.42	0.42	1.62	8.73	15091	94.1364%	TSS	--	0.289	28.3	#VALUE!	13.59691844
5439000	10/1/2014	0.42	0.42	1.62	8.73	15091	94.1364%	TSS	--	0.289	28.3	#VALUE!	13.59691844
5439000	10/28/1988	0.41	0.41	1.62	8.71	15102	94.2050%	TSS	--	0.289	28.3	#VALUE!	13.57172618
5439000	8/16/1991	0.41	0.41	1.62	8.71	15102	94.2050%	TSS	--	0.289	28.3	#VALUE!	13.57172618
5439000	9/4/1995	0.41	0.41	1.62	8.71	15102	94.2050%	TSS	--	0.289	28.3	#VALUE!	13.57172618

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/15/1995	0.41	0.41	1.62	8.71	15102	94.2050%	TSS	--	0.289	28.3	#VALUE!	13.57172618
5439000	12/17/1997	0.41	0.41	1.62	8.71	15102	94.2050%	TSS	--	0.289	28.3	#VALUE!	13.57172618
5439000	12/18/1997	0.41	0.41	1.62	8.71	15102	94.2050%	TSS	--	0.289	28.3	#VALUE!	13.57172618
5439000	8/8/2001	0.41	0.41	1.62	8.71	15102	94.2050%	TSS	--	0.289	28.3	#VALUE!	13.57172618
5439000	9/9/2002	0.41	0.41	1.62	8.71	15102	94.2050%	TSS	--	0.289	28.3	#VALUE!	13.57172618
5439000	9/27/2002	0.41	0.41	1.62	8.71	15102	94.2050%	TSS	--	0.289	28.3	#VALUE!	13.57172618
5439000	10/8/2004	0.41	0.41	1.62	8.71	15102	94.2050%	TSS	--	0.289	28.3	#VALUE!	13.57172618
5439000	10/8/2013	0.41	0.41	1.62	8.71	15102	94.2050%	TSS	--	0.289	28.3	#VALUE!	13.57172618
5439000	7/30/1925	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	8/5/1925	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	8/6/1925	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	9/12/1925	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	9/13/1925	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	9/30/1925	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	10/31/1925	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	11/1/1925	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	11/3/1925	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	11/5/1925	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	12/25/1925	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	9/27/1927	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	10/2/1928	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	10/3/1928	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	10/4/1928	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	8/3/1930	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	8/4/1930	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	8/12/1930	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	8/13/1930	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	1/14/1931	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	1/15/1931	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	9/9/1931	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	10/7/1931	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	7/22/1932	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/13/1932	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	10/14/1932	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	10/15/1932	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	10/17/1932	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	10/18/1932	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	10/19/1932	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	10/20/1932	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	10/21/1932	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	10/22/1932	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	8/22/1933	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	8/23/1933	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	8/25/1933	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	8/26/1933	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	8/27/1933	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	8/29/1933	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	9/26/1933	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	9/28/1933	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	9/16/1988	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	9/5/1995	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	9/18/1997	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	8/28/2001	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	11/13/2005	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	12/30/2005	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	1/9/2006	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	8/19/2013	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	10/29/2013	0.4	0.4	1.62	8.70	15113	94.2736%	TSS	--	0.289	28.3	#VALUE!	13.54653392
5439000	10/26/1988	0.39	0.39	1.62	8.68	15163	94.5855%	TSS	--	0.289	28.3	#VALUE!	13.52134165
5439000	9/17/1994	0.39	0.39	1.62	8.68	15163	94.5855%	TSS	--	0.289	28.3	#VALUE!	13.52134165
5439000	9/6/1995	0.39	0.39	1.62	8.68	15163	94.5855%	TSS	--	0.289	28.3	#VALUE!	13.52134165
5439000	10/8/1997	0.39	0.39	1.62	8.68	15163	94.5855%	TSS	--	0.289	28.3	#VALUE!	13.52134165
5439000	9/13/2002	0.39	0.39	1.62	8.68	15163	94.5855%	TSS	--	0.289	28.3	#VALUE!	13.52134165
5439000	12/11/2002	0.39	0.39	1.62	8.68	15163	94.5855%	TSS	--	0.289	28.3	#VALUE!	13.52134165

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/20/2005	0.39	0.39	1.62	8.68	15163	94.5855%	TSS	--	0.289	28.3	#VALUE!	13.52134165
5439000	9/29/2010	0.39	0.39	1.62	8.68	15163	94.5855%	TSS	--	0.289	28.3	#VALUE!	13.52134165
5439000	9/26/2012	0.39	0.39	1.62	8.68	15163	94.5855%	TSS	--	0.289	28.3	#VALUE!	13.52134165
5439000	10/28/2013	0.39	0.39	1.62	8.68	15163	94.5855%	TSS	--	0.289	28.3	#VALUE!	13.52134165
5439000	10/4/1995	0.38	0.38	1.62	8.66	15173	94.6479%	TSS	--	0.289	28.3	#VALUE!	13.49614939
5439000	8/6/1997	0.38	0.38	1.62	8.66	15173	94.6479%	TSS	--	0.289	28.3	#VALUE!	13.49614939
5439000	12/19/1997	0.38	0.38	1.62	8.66	15173	94.6479%	TSS	--	0.289	28.3	#VALUE!	13.49614939
5439000	9/12/1998	0.38	0.38	1.62	8.66	15173	94.6479%	TSS	--	0.289	28.3	#VALUE!	13.49614939
5439000	9/4/1999	0.38	0.38	1.62	8.66	15173	94.6479%	TSS	--	0.289	28.3	#VALUE!	13.49614939
5439000	9/29/2002	0.38	0.38	1.62	8.66	15173	94.6479%	TSS	--	0.289	28.3	#VALUE!	13.49614939
5439000	7/31/2005	0.38	0.38	1.62	8.66	15173	94.6479%	TSS	--	0.289	28.3	#VALUE!	13.49614939
5439000	8/17/2005	0.38	0.38	1.62	8.66	15173	94.6479%	TSS	--	0.289	28.3	#VALUE!	13.49614939
5439000	10/4/2005	0.38	0.38	1.62	8.66	15173	94.6479%	TSS	--	0.289	28.3	#VALUE!	13.49614939
5439000	9/18/1994	0.37	0.37	1.62	8.65	15182	94.7040%	TSS	--	0.289	28.3	#VALUE!	13.47095713
5439000	9/14/1995	0.37	0.37	1.62	8.65	15182	94.7040%	TSS	--	0.289	28.3	#VALUE!	13.47095713
5439000	9/23/1997	0.37	0.37	1.62	8.65	15182	94.7040%	TSS	--	0.289	28.3	#VALUE!	13.47095713
5439000	10/2/1997	0.37	0.37	1.62	8.65	15182	94.7040%	TSS	--	0.289	28.3	#VALUE!	13.47095713
5439000	10/21/1997	0.37	0.37	1.62	8.65	15182	94.7040%	TSS	--	0.289	28.3	#VALUE!	13.47095713
5439000	8/11/2001	0.37	0.37	1.62	8.65	15182	94.7040%	TSS	--	0.289	28.3	#VALUE!	13.47095713
5439000	8/31/2001	0.37	0.37	1.62	8.65	15182	94.7040%	TSS	--	0.289	28.3	#VALUE!	13.47095713
5439000	11/29/2002	0.37	0.37	1.62	8.65	15182	94.7040%	TSS	--	0.289	28.3	#VALUE!	13.47095713
5439000	12/30/2002	0.37	0.37	1.62	8.65	15182	94.7040%	TSS	--	0.289	28.3	#VALUE!	13.47095713
5439000	9/19/2004	0.37	0.37	1.62	8.65	15182	94.7040%	TSS	--	0.289	28.3	#VALUE!	13.47095713
5439000	11/19/2005	0.37	0.37	1.62	8.65	15182	94.7040%	TSS	--	0.289	28.3	#VALUE!	13.47095713
5439000	9/7/2013	0.37	0.37	1.62	8.65	15182	94.7040%	TSS	--	0.289	28.3	#VALUE!	13.47095713
5439000	1/3/2014	0.37	0.37	1.62	8.65	15182	94.7040%	TSS	--	0.289	28.3	#VALUE!	13.47095713
5439000	8/27/1997	0.36	0.36	1.62	8.63	15195	94.7851%	TSS	--	0.289	28.3	#VALUE!	13.44576486
5439000	11/12/1997	0.36	0.36	1.62	8.63	15195	94.7851%	TSS	--	0.289	28.3	#VALUE!	13.44576486
5439000	9/28/2002	0.36	0.36	1.62	8.63	15195	94.7851%	TSS	--	0.289	28.3	#VALUE!	13.44576486
5439000	8/9/2006	0.36	0.36	1.62	8.63	15195	94.7851%	TSS	--	0.289	28.3	#VALUE!	13.44576486
5439000	10/31/2012	0.36	0.36	1.62	8.63	15195	94.7851%	TSS	--	0.289	28.3	#VALUE!	13.44576486
5439000	7/10/1988	0.35	0.35	1.62	8.61	15200	94.8163%	TSS	--	0.289	28.3	#VALUE!	13.4205726

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/30/1988	0.35	0.35	1.62	8.61	15200	94.8163%	TSS	--	0.289	28.3	#VALUE!	13.4205726
5439000	8/17/1999	0.35	0.35	1.62	8.61	15200	94.8163%	TSS	--	0.289	28.3	#VALUE!	13.4205726
5439000	8/12/2001	0.35	0.35	1.62	8.61	15200	94.8163%	TSS	--	0.289	28.3	#VALUE!	13.4205726
5439000	9/30/2002	0.35	0.35	1.62	8.61	15200	94.8163%	TSS	--	0.289	28.3	#VALUE!	13.4205726
5439000	12/10/2002	0.35	0.35	1.62	8.61	15200	94.8163%	TSS	--	0.289	28.3	#VALUE!	13.4205726
5439000	10/22/2003	0.35	0.35	1.62	8.61	15200	94.8163%	TSS	--	0.289	28.3	#VALUE!	13.4205726
5439000	8/30/2006	0.35	0.35	1.62	8.61	15200	94.8163%	TSS	--	0.289	28.3	#VALUE!	13.4205726
5439000	9/28/2012	0.35	0.35	1.62	8.61	15200	94.8163%	TSS	--	0.289	28.3	#VALUE!	13.4205726
5439000	9/29/2012	0.35	0.35	1.62	8.61	15200	94.8163%	TSS	--	0.289	28.3	#VALUE!	13.4205726
5439000	10/16/2013	0.35	0.35	1.62	8.61	15200	94.8163%	TSS	--	0.289	28.3	#VALUE!	13.4205726
5439000	12/10/2013	0.35	0.35	1.62	8.61	15200	94.8163%	TSS	--	0.289	28.3	#VALUE!	13.4205726
5439000	7/30/1997	0.34	0.34	1.62	8.60	15212	94.8911%	TSS	--	0.289	28.3	#VALUE!	13.39538033
5439000	8/10/1997	0.34	0.34	1.62	8.60	15212	94.8911%	TSS	--	0.289	28.3	#VALUE!	13.39538033
5439000	9/5/1999	0.34	0.34	1.62	8.60	15212	94.8911%	TSS	--	0.289	28.3	#VALUE!	13.39538033
5439000	10/1/2004	0.34	0.34	1.62	8.60	15212	94.8911%	TSS	--	0.289	28.3	#VALUE!	13.39538033
5439000	8/28/2008	0.34	0.34	1.62	8.60	15212	94.8911%	TSS	--	0.289	28.3	#VALUE!	13.39538033
5439000	9/22/2013	0.34	0.34	1.62	8.60	15212	94.8911%	TSS	--	0.289	28.3	#VALUE!	13.39538033
5439000	10/27/1988	0.33	0.33	1.62	8.58	15218	94.9286%	TSS	--	0.289	28.3	#VALUE!	13.37018807
5439000	10/29/1988	0.33	0.33	1.62	8.58	15218	94.9286%	TSS	--	0.289	28.3	#VALUE!	13.37018807
5439000	8/30/1997	0.33	0.33	1.62	8.58	15218	94.9286%	TSS	--	0.289	28.3	#VALUE!	13.37018807
5439000	8/31/1997	0.33	0.33	1.62	8.58	15218	94.9286%	TSS	--	0.289	28.3	#VALUE!	13.37018807
5439000	9/2/1997	0.33	0.33	1.62	8.58	15218	94.9286%	TSS	--	0.289	28.3	#VALUE!	13.37018807
5439000	9/24/1997	0.33	0.33	1.62	8.58	15218	94.9286%	TSS	--	0.289	28.3	#VALUE!	13.37018807
5439000	8/10/2002	0.33	0.33	1.62	8.58	15218	94.9286%	TSS	--	0.289	28.3	#VALUE!	13.37018807
5439000	9/20/2004	0.33	0.33	1.62	8.58	15218	94.9286%	TSS	--	0.289	28.3	#VALUE!	13.37018807
5439000	9/11/2011	0.33	0.33	1.62	8.58	15218	94.9286%	TSS	--	0.289	28.3	#VALUE!	13.37018807
5439000	9/27/2012	0.33	0.33	1.62	8.58	15218	94.9286%	TSS	--	0.289	28.3	#VALUE!	13.37018807
5439000	11/3/2012	0.33	0.33	1.62	8.58	15218	94.9286%	TSS	--	0.289	28.3	#VALUE!	13.37018807
5439000	8/7/1997	0.32	0.32	1.62	8.57	15229	94.9972%	TSS	--	0.289	28.3	#VALUE!	13.34499581
5439000	8/26/1997	0.32	0.32	1.62	8.57	15229	94.9972%	TSS	--	0.289	28.3	#VALUE!	13.34499581
5439000	10/5/1997	0.32	0.32	1.62	8.57	15229	94.9972%	TSS	--	0.289	28.3	#VALUE!	13.34499581
5439000	9/21/1999	0.32	0.32	1.62	8.57	15229	94.9972%	TSS	0.06	0.289	28.3	2.770587365	13.34499581

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/11/2002	0.32	0.32	1.62	8.57	15229	94.9972%	TSS	--	0.289	28.3	#VALUE!	13.34499581
5439000	12/31/2002	0.32	0.32	1.62	8.57	15229	94.9972%	TSS	--	0.289	28.3	#VALUE!	13.34499581
5439000	10/28/2004	0.32	0.32	1.62	8.57	15229	94.9972%	TSS	--	0.289	28.3	#VALUE!	13.34499581
5439000	7/16/2005	0.32	0.32	1.62	8.57	15229	94.9972%	TSS	--	0.289	28.3	#VALUE!	13.34499581
5439000	11/8/2005	0.32	0.32	1.62	8.57	15229	94.9972%	TSS	--	0.289	28.3	#VALUE!	13.34499581
5439000	8/29/2008	0.32	0.32	1.62	8.57	15229	94.9972%	TSS	--	0.289	28.3	#VALUE!	13.34499581
5439000	12/19/2012	0.32	0.32	1.62	8.57	15229	94.9972%	TSS	--	0.289	28.3	#VALUE!	13.34499581
5439000	8/17/2013	0.32	0.32	1.62	8.57	15229	94.9972%	TSS	--	0.289	28.3	#VALUE!	13.34499581
5439000	9/8/2013	0.32	0.32	1.62	8.57	15229	94.9972%	TSS	--	0.289	28.3	#VALUE!	13.34499581
5439000	9/9/2013	0.32	0.32	1.62	8.57	15229	94.9972%	TSS	--	0.289	28.3	#VALUE!	13.34499581
5439000	8/20/1992	0.31	0.31	1.62	8.55	15243	95.0845%	TSS	--	0.289	28.3	#VALUE!	13.31980354
5439000	8/28/1997	0.31	0.31	1.62	8.55	15243	95.0845%	TSS	--	0.289	28.3	#VALUE!	13.31980354
5439000	9/4/1997	0.31	0.31	1.62	8.55	15243	95.0845%	TSS	--	0.289	28.3	#VALUE!	13.31980354
5439000	9/15/1997	0.31	0.31	1.62	8.55	15243	95.0845%	TSS	--	0.289	28.3	#VALUE!	13.31980354
5439000	9/30/1997	0.31	0.31	1.62	8.55	15243	95.0845%	TSS	--	0.289	28.3	#VALUE!	13.31980354
5439000	10/3/1997	0.31	0.31	1.62	8.55	15243	95.0845%	TSS	--	0.289	28.3	#VALUE!	13.31980354
5439000	8/15/2001	0.31	0.31	1.62	8.55	15243	95.0845%	TSS	--	0.289	28.3	#VALUE!	13.31980354
5439000	9/12/2004	0.31	0.31	1.62	8.55	15243	95.0845%	TSS	--	0.289	28.3	#VALUE!	13.31980354
5439000	8/3/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/4/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/15/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/16/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/19/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/21/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/22/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/23/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/24/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/25/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/26/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/27/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/28/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/29/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/30/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/31/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/1/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/2/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/3/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/4/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/5/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/6/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/7/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/8/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/10/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/15/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/16/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/19/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	10/1/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	10/7/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	10/24/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	11/2/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	11/6/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	12/26/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	12/27/1925	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/23/1927	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/10/1927	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/12/1927	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/13/1927	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/14/1927	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/19/1927	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/24/1927	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/25/1927	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/12/1929	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	7/28/1930	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/6/1930	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/1/1930	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/15/1930	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	1/16/1931	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	1/17/1931	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	1/18/1931	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	1/19/1931	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	1/20/1931	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	1/21/1931	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/20/1931	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/13/1931	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	7/23/1932	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	7/24/1932	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	7/25/1932	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	7/26/1932	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/13/1932	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/14/1932	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/15/1932	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/27/1932	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/29/1932	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/2/1932	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/3/1932	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/18/1932	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/19/1932	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/20/1932	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	10/5/1932	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/19/1933	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/25/1933	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/29/1933	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	10/16/1933	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	10/22/1933	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	10/23/1933	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	10/24/1933	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/26/1933	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	7/11/1988	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	7/22/1988	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/19/1994	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/29/1997	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/29/1997	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	8/29/2001	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	12/9/2002	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/2/2003	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	11/20/2005	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	11/1/2012	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	12/12/2013	0.3	0.3	1.62	8.53	15251	95.1344%	TSS	--	0.289	28.3	#VALUE!	13.29461128
5439000	9/10/1988	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	9/18/1988	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	10/5/1988	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	8/9/1997	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	9/5/1997	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	9/27/1997	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	9/28/1997	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	8/13/2001	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	8/30/2001	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	12/8/2002	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	9/15/2003	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	9/28/2003	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	7/14/2005	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	1/10/2006	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	9/9/2011	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	9/12/2012	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	11/16/2012	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	12/30/2012	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	1/9/2013	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901
5439000	12/27/2013	0.29	0.29	1.62	8.52	15341	95.6958%	TSS	--	0.289	28.3	#VALUE!	13.26941901

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/21/1933	0.28	0.28	1.62	8.50	15361	95.8206%	TSS	--	0.289	28.3	#VALUE!	13.24422675
5439000	9/3/1997	0.28	0.28	1.62	8.50	15361	95.8206%	TSS	--	0.289	28.3	#VALUE!	13.24422675
5439000	10/22/1997	0.28	0.28	1.62	8.50	15361	95.8206%	TSS	--	0.289	28.3	#VALUE!	13.24422675
5439000	8/21/1999	0.28	0.28	1.62	8.50	15361	95.8206%	TSS	--	0.289	28.3	#VALUE!	13.24422675
5439000	8/14/2001	0.28	0.28	1.62	8.50	15361	95.8206%	TSS	--	0.289	28.3	#VALUE!	13.24422675
5439000	9/1/2001	0.28	0.28	1.62	8.50	15361	95.8206%	TSS	--	0.289	28.3	#VALUE!	13.24422675
5439000	9/15/2002	0.28	0.28	1.62	8.50	15361	95.8206%	TSS	--	0.289	28.3	#VALUE!	13.24422675
5439000	11/30/2002	0.28	0.28	1.62	8.50	15361	95.8206%	TSS	--	0.289	28.3	#VALUE!	13.24422675
5439000	1/1/2003	0.28	0.28	1.62	8.50	15361	95.8206%	TSS	--	0.289	28.3	#VALUE!	13.24422675
5439000	9/10/2004	0.28	0.28	1.62	8.50	15361	95.8206%	TSS	--	0.289	28.3	#VALUE!	13.24422675
5439000	9/19/2005	0.28	0.28	1.62	8.50	15361	95.8206%	TSS	--	0.289	28.3	#VALUE!	13.24422675
5439000	9/12/2011	0.28	0.28	1.62	8.50	15361	95.8206%	TSS	--	0.289	28.3	#VALUE!	13.24422675
5439000	12/28/2013	0.28	0.28	1.62	8.50	15361	95.8206%	TSS	--	0.289	28.3	#VALUE!	13.24422675
5439000	10/2/2014	0.28	0.28	1.62	8.50	15361	95.8206%	TSS	--	0.289	28.3	#VALUE!	13.24422675
5439000	7/9/1988	0.27	0.27	1.62	8.49	15375	95.9079%	TSS	--	0.289	28.3	#VALUE!	13.21903449
5439000	9/6/1997	0.27	0.27	1.62	8.49	15375	95.9079%	TSS	--	0.289	28.3	#VALUE!	13.21903449
5439000	10/10/1997	0.27	0.27	1.62	8.49	15375	95.9079%	TSS	--	0.289	28.3	#VALUE!	13.21903449
5439000	9/6/1999	0.27	0.27	1.62	8.49	15375	95.9079%	TSS	--	0.289	28.3	#VALUE!	13.21903449
5439000	9/2/2001	0.27	0.27	1.62	8.49	15375	95.9079%	TSS	--	0.289	28.3	#VALUE!	13.21903449
5439000	12/7/2002	0.27	0.27	1.62	8.49	15375	95.9079%	TSS	--	0.289	28.3	#VALUE!	13.21903449
5439000	9/21/2004	0.27	0.27	1.62	8.49	15375	95.9079%	TSS	--	0.289	28.3	#VALUE!	13.21903449
5439000	10/9/2004	0.27	0.27	1.62	8.49	15375	95.9079%	TSS	--	0.289	28.3	#VALUE!	13.21903449
5439000	12/4/2005	0.27	0.27	1.62	8.49	15375	95.9079%	TSS	--	0.289	28.3	#VALUE!	13.21903449
5439000	8/18/1999	0.26	0.26	1.62	8.47	15384	95.9641%	TSS	--	0.289	28.3	#VALUE!	13.19384222
5439000	3/9/2003	0.26	0.26	1.62	8.47	15384	95.9641%	TSS	--	0.289	28.3	#VALUE!	13.19384222
5439000	9/1/2003	0.26	0.26	1.62	8.47	15384	95.9641%	TSS	--	0.289	28.3	#VALUE!	13.19384222
5439000	7/15/2005	0.26	0.26	1.62	8.47	15384	95.9641%	TSS	--	0.289	28.3	#VALUE!	13.19384222
5439000	8/12/2006	0.26	0.26	1.62	8.47	15384	95.9641%	TSS	--	0.289	28.3	#VALUE!	13.19384222
5439000	10/8/2010	0.26	0.26	1.62	8.47	15384	95.9641%	TSS	--	0.289	28.3	#VALUE!	13.19384222
5439000	8/9/2012	0.26	0.26	1.62	8.47	15384	95.9641%	TSS	--	0.289	28.3	#VALUE!	13.19384222
5439000	10/5/2012	0.26	0.26	1.62	8.47	15384	95.9641%	TSS	--	0.289	28.3	#VALUE!	13.19384222
5439000	9/23/2013	0.26	0.26	1.62	8.47	15384	95.9641%	TSS	--	0.289	28.3	#VALUE!	13.19384222

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/9/2013	0.26	0.26	1.62	8.47	15384	95.9641%	TSS	--	0.289	28.3	#VALUE!	13.19384222
5439000	12/29/2013	0.26	0.26	1.62	8.47	15384	95.9641%	TSS	--	0.289	28.3	#VALUE!	13.19384222
5439000	8/5/1997	0.25	0.25	1.62	8.45	15395	96.0327%	TSS	--	0.289	28.3	#VALUE!	13.16864996
5439000	10/23/1997	0.25	0.25	1.62	8.45	15395	96.0327%	TSS	--	0.289	28.3	#VALUE!	13.16864996
5439000	11/13/1997	0.25	0.25	1.62	8.45	15395	96.0327%	TSS	--	0.289	28.3	#VALUE!	13.16864996
5439000	12/1/2002	0.25	0.25	1.62	8.45	15395	96.0327%	TSS	--	0.289	28.3	#VALUE!	13.16864996
5439000	1/2/2003	0.25	0.25	1.62	8.45	15395	96.0327%	TSS	--	0.289	28.3	#VALUE!	13.16864996
5439000	7/17/2005	0.25	0.25	1.62	8.45	15395	96.0327%	TSS	--	0.289	28.3	#VALUE!	13.16864996
5439000	8/25/2005	0.25	0.25	1.62	8.45	15395	96.0327%	TSS	--	0.289	28.3	#VALUE!	13.16864996
5439000	9/28/2005	0.25	0.25	1.62	8.45	15395	96.0327%	TSS	--	0.289	28.3	#VALUE!	13.16864996
5439000	1/11/2006	0.25	0.25	1.62	8.45	15395	96.0327%	TSS	--	0.289	28.3	#VALUE!	13.16864996
5439000	7/17/2012	0.25	0.25	1.62	8.45	15395	96.0327%	TSS	--	0.289	28.3	#VALUE!	13.16864996
5439000	8/8/2012	0.25	0.25	1.62	8.45	15395	96.0327%	TSS	--	0.289	28.3	#VALUE!	13.16864996
5439000	9/30/2013	0.25	0.25	1.62	8.45	15395	96.0327%	TSS	--	0.289	28.3	#VALUE!	13.16864996
5439000	8/5/1988	0.24	0.24	1.62	8.44	15407	96.1075%	TSS	--	0.289	28.3	#VALUE!	13.1434577
5439000	9/8/1997	0.24	0.24	1.62	8.44	15407	96.1075%	TSS	--	0.289	28.3	#VALUE!	13.1434577
5439000	9/8/1999	0.24	0.24	1.62	8.44	15407	96.1075%	TSS	--	0.289	28.3	#VALUE!	13.1434577
5439000	9/16/1999	0.24	0.24	1.62	8.44	15407	96.1075%	TSS	--	0.289	28.3	#VALUE!	13.1434577
5439000	12/6/2002	0.24	0.24	1.62	8.44	15407	96.1075%	TSS	--	0.289	28.3	#VALUE!	13.1434577
5439000	8/13/2003	0.24	0.24	1.62	8.44	15407	96.1075%	TSS	--	0.289	28.3	#VALUE!	13.1434577
5439000	8/23/2003	0.24	0.24	1.62	8.44	15407	96.1075%	TSS	--	0.289	28.3	#VALUE!	13.1434577
5439000	9/11/2004	0.24	0.24	1.62	8.44	15407	96.1075%	TSS	--	0.289	28.3	#VALUE!	13.1434577
5439000	9/13/2004	0.24	0.24	1.62	8.44	15407	96.1075%	TSS	--	0.289	28.3	#VALUE!	13.1434577
5439000	8/1/2005	0.24	0.24	1.62	8.44	15407	96.1075%	TSS	--	0.289	28.3	#VALUE!	13.1434577
5439000	8/26/2005	0.24	0.24	1.62	8.44	15407	96.1075%	TSS	--	0.289	28.3	#VALUE!	13.1434577
5439000	11/21/2005	0.24	0.24	1.62	8.44	15407	96.1075%	TSS	--	0.289	28.3	#VALUE!	13.1434577
5439000	8/20/2006	0.24	0.24	1.62	8.44	15407	96.1075%	TSS	--	0.289	28.3	#VALUE!	13.1434577
5439000	11/4/2012	0.24	0.24	1.62	8.44	15407	96.1075%	TSS	--	0.289	28.3	#VALUE!	13.1434577
5439000	1/8/2013	0.24	0.24	1.62	8.44	15407	96.1075%	TSS	--	0.289	28.3	#VALUE!	13.1434577
5439000	10/15/2013	0.24	0.24	1.62	8.44	15407	96.1075%	TSS	--	0.289	28.3	#VALUE!	13.1434577
5439000	12/7/2013	0.24	0.24	1.62	8.44	15407	96.1075%	TSS	--	0.289	28.3	#VALUE!	13.1434577
5439000	7/8/1988	0.23	0.23	1.62	8.42	15424	96.2136%	TSS	--	0.289	28.3	#VALUE!	13.11826543

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/10/1988	0.23	0.23	1.62	8.42	15424	96.2136%	TSS	--	0.289	28.3	#VALUE!	13.11826543
5439000	8/8/1997	0.23	0.23	1.62	8.42	15424	96.2136%	TSS	--	0.289	28.3	#VALUE!	13.11826543
5439000	9/10/1997	0.23	0.23	1.62	8.42	15424	96.2136%	TSS	--	0.289	28.3	#VALUE!	13.11826543
5439000	8/22/1999	0.23	0.23	1.62	8.42	15424	96.2136%	TSS	--	0.289	28.3	#VALUE!	13.11826543
5439000	10/16/2004	0.23	0.23	1.62	8.42	15424	96.2136%	TSS	--	0.289	28.3	#VALUE!	13.11826543
5439000	1/12/2006	0.23	0.23	1.62	8.42	15424	96.2136%	TSS	--	0.289	28.3	#VALUE!	13.11826543
5439000	1/26/2006	0.23	0.23	1.62	8.42	15424	96.2136%	TSS	--	0.289	28.3	#VALUE!	13.11826543
5439000	11/7/2012	0.23	0.23	1.62	8.42	15424	96.2136%	TSS	--	0.289	28.3	#VALUE!	13.11826543
5439000	12/31/2012	0.23	0.23	1.62	8.42	15424	96.2136%	TSS	--	0.289	28.3	#VALUE!	13.11826543
5439000	12/30/2013	0.23	0.23	1.62	8.42	15424	96.2136%	TSS	--	0.289	28.3	#VALUE!	13.11826543
5439000	1/2/2014	0.23	0.23	1.62	8.42	15424	96.2136%	TSS	--	0.289	28.3	#VALUE!	13.11826543
5439000	10/7/1988	0.22	0.22	1.62	8.40	15436	96.2884%	TSS	--	0.289	28.3	#VALUE!	13.09307317
5439000	9/9/1997	0.22	0.22	1.62	8.40	15436	96.2884%	TSS	--	0.289	28.3	#VALUE!	13.09307317
5439000	9/26/1997	0.22	0.22	1.62	8.40	15436	96.2884%	TSS	--	0.289	28.3	#VALUE!	13.09307317
5439000	10/6/1997	0.22	0.22	1.62	8.40	15436	96.2884%	TSS	--	0.289	28.3	#VALUE!	13.09307317
5439000	9/15/1999	0.22	0.22	1.62	8.40	15436	96.2884%	TSS	--	0.289	28.3	#VALUE!	13.09307317
5439000	12/2/2002	0.22	0.22	1.62	8.40	15436	96.2884%	TSS	--	0.289	28.3	#VALUE!	13.09307317
5439000	12/5/2002	0.22	0.22	1.62	8.40	15436	96.2884%	TSS	--	0.289	28.3	#VALUE!	13.09307317
5439000	10/5/2005	0.22	0.22	1.62	8.40	15436	96.2884%	TSS	--	0.289	28.3	#VALUE!	13.09307317
5439000	1/13/2006	0.22	0.22	1.62	8.40	15436	96.2884%	TSS	--	0.289	28.3	#VALUE!	13.09307317
5439000	1/25/2006	0.22	0.22	1.62	8.40	15436	96.2884%	TSS	--	0.289	28.3	#VALUE!	13.09307317
5439000	12/9/2010	0.22	0.22	1.62	8.40	15436	96.2884%	TSS	--	0.289	28.3	#VALUE!	13.09307317
5439000	9/7/1988	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	9/9/1988	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	9/11/1988	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	10/13/1988	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	10/31/1988	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	9/11/1997	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	9/14/1997	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	11/14/1997	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	9/7/1999	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	12/3/2002	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/4/2002	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	1/3/2003	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	10/12/2003	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	10/2/2004	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	11/10/2005	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	12/5/2005	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	1/14/2006	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	1/15/2006	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	1/16/2006	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	1/23/2006	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	1/24/2006	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	10/8/2012	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	12/12/2012	0.21	0.21	1.62	8.39	15447	96.3571%	TSS	--	0.289	28.3	#VALUE!	13.0678809
5439000	8/17/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/18/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/20/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/9/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/17/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/18/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/20/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/21/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/22/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/23/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/24/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/25/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/26/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/27/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/6/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/8/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/9/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/10/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/17/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/18/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/21/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/22/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/23/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/27/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/28/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/29/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	12/28/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	12/29/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	12/30/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	12/31/1925	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	1/1/1926	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	1/2/1926	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/22/1927	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/24/1927	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/25/1927	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/26/1927	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/27/1927	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/28/1927	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/29/1927	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/30/1927	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/31/1927	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/1/1927	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/2/1927	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/3/1927	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/4/1927	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/5/1927	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/20/1927	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/13/1929	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/14/1929	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/16/1930	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/31/1931	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/14/1931	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	7/27/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	7/28/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	7/29/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/3/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/4/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/5/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/7/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/9/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/11/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/12/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/16/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/23/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/24/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/26/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	8/30/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/4/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/21/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/22/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/23/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/6/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/7/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/9/1932	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/15/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/16/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/17/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/18/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/20/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/21/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/22/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/23/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/24/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/30/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/1/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/2/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/3/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/4/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/5/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/6/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/7/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/8/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/9/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/10/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/11/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/12/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/13/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/14/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/15/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/17/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/18/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/19/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/20/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/25/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/27/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/28/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/29/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/30/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/31/1933	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	9/1/1997	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	10/7/1997	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	1/17/2006	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	1/18/2006	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	0.12	0.289	28.3	5.596170904	13.04268864
5439000	10/7/2012	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	11/17/2012	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/1/2013	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	12/13/2013	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	12/31/2013	0.2	0.2	1.62	8.37	15470	96.5005%	TSS	--	0.289	28.3	#VALUE!	13.04268864
5439000	7/23/1988	0.19	0.19	1.62	8.36	15588	97.2366%	TSS	--	0.289	28.3	#VALUE!	13.01749638
5439000	10/16/1988	0.19	0.19	1.62	8.36	15588	97.2366%	TSS	--	0.289	28.3	#VALUE!	13.01749638
5439000	8/4/1997	0.19	0.19	1.62	8.36	15588	97.2366%	TSS	--	0.289	28.3	#VALUE!	13.01749638
5439000	9/12/1997	0.19	0.19	1.62	8.36	15588	97.2366%	TSS	--	0.289	28.3	#VALUE!	13.01749638
5439000	9/19/1997	0.19	0.19	1.62	8.36	15588	97.2366%	TSS	--	0.289	28.3	#VALUE!	13.01749638
5439000	1/4/2003	0.19	0.19	1.62	8.36	15588	97.2366%	TSS	--	0.289	28.3	#VALUE!	13.01749638
5439000	8/16/2003	0.19	0.19	1.62	8.36	15588	97.2366%	TSS	--	0.289	28.3	#VALUE!	13.01749638
5439000	9/22/2003	0.19	0.19	1.62	8.36	15588	97.2366%	TSS	--	0.289	28.3	#VALUE!	13.01749638
5439000	7/18/2005	0.19	0.19	1.62	8.36	15588	97.2366%	TSS	--	0.289	28.3	#VALUE!	13.01749638
5439000	11/26/2005	0.19	0.19	1.62	8.36	15588	97.2366%	TSS	--	0.289	28.3	#VALUE!	13.01749638
5439000	1/19/2006	0.19	0.19	1.62	8.36	15588	97.2366%	TSS	--	0.289	28.3	#VALUE!	13.01749638
5439000	1/20/2006	0.19	0.19	1.62	8.36	15588	97.2366%	TSS	--	0.289	28.3	#VALUE!	13.01749638
5439000	1/21/2006	0.19	0.19	1.62	8.36	15588	97.2366%	TSS	--	0.289	28.3	#VALUE!	13.01749638
5439000	1/22/2006	0.19	0.19	1.62	8.36	15588	97.2366%	TSS	--	0.289	28.3	#VALUE!	13.01749638
5439000	8/18/2006	0.19	0.19	1.62	8.36	15588	97.2366%	TSS	--	0.289	28.3	#VALUE!	13.01749638
5439000	10/6/2012	0.19	0.19	1.62	8.36	15588	97.2366%	TSS	--	0.289	28.3	#VALUE!	13.01749638
5439000	11/8/2012	0.19	0.19	1.62	8.36	15588	97.2366%	TSS	--	0.289	28.3	#VALUE!	13.01749638
5439000	1/1/2014	0.19	0.19	1.62	8.36	15588	97.2366%	TSS	--	0.289	28.3	#VALUE!	13.01749638
5439000	9/8/1988	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	9/14/1988	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	9/17/1988	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	10/6/1988	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	10/8/1988	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	10/9/1988	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	10/11/1988	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	9/13/1997	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	9/17/1999	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	1/5/2003	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	9/29/2003	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/17/2004	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	10/2/2005	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	11/12/2005	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	8/13/2006	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	11/9/2012	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	1/7/2013	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	9/24/2013	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	12/9/2013	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	12/11/2013	0.18	0.18	1.62	8.34	15606	97.3489%	TSS	--	0.289	28.3	#VALUE!	12.99230411
5439000	7/31/1997	0.17	0.17	1.62	8.32	15626	97.4736%	TSS	--	0.289	28.3	#VALUE!	12.96711185
5439000	8/3/1997	0.17	0.17	1.62	8.32	15626	97.4736%	TSS	--	0.289	28.3	#VALUE!	12.96711185
5439000	8/3/2002	0.17	0.17	1.62	8.32	15626	97.4736%	TSS	--	0.289	28.3	#VALUE!	12.96711185
5439000	8/15/2003	0.17	0.17	1.62	8.32	15626	97.4736%	TSS	--	0.289	28.3	#VALUE!	12.96711185
5439000	8/17/2003	0.17	0.17	1.62	8.32	15626	97.4736%	TSS	--	0.289	28.3	#VALUE!	12.96711185
5439000	9/14/2004	0.17	0.17	1.62	8.32	15626	97.4736%	TSS	--	0.289	28.3	#VALUE!	12.96711185
5439000	9/22/2004	0.17	0.17	1.62	8.32	15626	97.4736%	TSS	--	0.289	28.3	#VALUE!	12.96711185
5439000	11/22/2005	0.17	0.17	1.62	8.32	15626	97.4736%	TSS	--	0.289	28.3	#VALUE!	12.96711185
5439000	12/6/2005	0.17	0.17	1.62	8.32	15626	97.4736%	TSS	--	0.289	28.3	#VALUE!	12.96711185
5439000	8/30/2008	0.17	0.17	1.62	8.32	15626	97.4736%	TSS	--	0.289	28.3	#VALUE!	12.96711185
5439000	9/30/2010	0.17	0.17	1.62	8.32	15626	97.4736%	TSS	--	0.289	28.3	#VALUE!	12.96711185
5439000	10/19/2010	0.17	0.17	1.62	8.32	15626	97.4736%	TSS	--	0.289	28.3	#VALUE!	12.96711185
5439000	11/6/2012	0.17	0.17	1.62	8.32	15626	97.4736%	TSS	--	0.289	28.3	#VALUE!	12.96711185
5439000	1/6/2014	0.17	0.17	1.62	8.32	15626	97.4736%	TSS	--	0.289	28.3	#VALUE!	12.96711185
5439000	8/5/1931	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	8/6/1931	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	8/7/1931	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	8/17/1931	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	8/18/1931	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	8/21/1931	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	8/22/1931	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	9/22/1931	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	10/10/1931	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/24/1988	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	9/22/1997	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	10/11/1997	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	9/18/1999	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	1/6/2003	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	8/14/2003	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	9/16/2005	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	11/25/2005	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	12/10/2005	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	11/18/2012	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	11/22/2012	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	10/10/2013	0.16	0.16	1.62	8.31	15640	97.5610%	TSS	--	0.289	28.3	#VALUE!	12.94191958
5439000	8/1/1997	0.15	0.15	1.62	8.29	15661	97.6920%	TSS	--	0.289	28.3	#VALUE!	12.91672732
5439000	9/21/1997	0.15	0.15	1.62	8.29	15661	97.6920%	TSS	--	0.289	28.3	#VALUE!	12.91672732
5439000	9/25/1997	0.15	0.15	1.62	8.29	15661	97.6920%	TSS	--	0.289	28.3	#VALUE!	12.91672732
5439000	9/28/2004	0.15	0.15	1.62	8.29	15661	97.6920%	TSS	0.87	0.289	28.3	38.88426564	12.91672732
5439000	10/15/2004	0.15	0.15	1.62	8.29	15661	97.6920%	TSS	--	0.289	28.3	#VALUE!	12.91672732
5439000	11/5/2005	0.15	0.15	1.62	8.29	15661	97.6920%	TSS	--	0.289	28.3	#VALUE!	12.91672732
5439000	11/23/2005	0.15	0.15	1.62	8.29	15661	97.6920%	TSS	--	0.289	28.3	#VALUE!	12.91672732
5439000	12/7/2005	0.15	0.15	1.62	8.29	15661	97.6920%	TSS	--	0.289	28.3	#VALUE!	12.91672732
5439000	12/11/2005	0.15	0.15	1.62	8.29	15661	97.6920%	TSS	--	0.289	28.3	#VALUE!	12.91672732
5439000	12/12/2005	0.15	0.15	1.62	8.29	15661	97.6920%	TSS	--	0.289	28.3	#VALUE!	12.91672732
5439000	12/13/2005	0.15	0.15	1.62	8.29	15661	97.6920%	TSS	--	0.289	28.3	#VALUE!	12.91672732
5439000	11/5/2012	0.15	0.15	1.62	8.29	15661	97.6920%	TSS	--	0.289	28.3	#VALUE!	12.91672732
5439000	11/10/2012	0.15	0.15	1.62	8.29	15661	97.6920%	TSS	--	0.289	28.3	#VALUE!	12.91672732
5439000	1/6/2013	0.15	0.15	1.62	8.29	15661	97.6920%	TSS	--	0.289	28.3	#VALUE!	12.91672732
5439000	8/29/2013	0.15	0.15	1.62	8.29	15661	97.6920%	TSS	--	0.289	28.3	#VALUE!	12.91672732
5439000	7/17/1988	0.14	0.14	1.62	8.28	15676	97.7855%	TSS	--	0.289	28.3	#VALUE!	12.89153506
5439000	8/2/1997	0.14	0.14	1.62	8.28	15676	97.7855%	TSS	--	0.289	28.3	#VALUE!	12.89153506
5439000	9/20/1997	0.14	0.14	1.62	8.28	15676	97.7855%	TSS	--	0.289	28.3	#VALUE!	12.89153506
5439000	9/22/1999	0.14	0.14	1.62	8.28	15676	97.7855%	TSS	--	0.289	28.3	#VALUE!	12.89153506
5439000	1/7/2003	0.14	0.14	1.62	8.28	15676	97.7855%	TSS	--	0.289	28.3	#VALUE!	12.89153506

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/3/2003	0.14	0.14	1.62	8.28	15676	97.7855%	TSS	--	0.289	28.3	#VALUE!	12.89153506
5439000	9/30/2003	0.14	0.14	1.62	8.28	15676	97.7855%	TSS	--	0.289	28.3	#VALUE!	12.89153506
5439000	9/21/2005	0.14	0.14	1.62	8.28	15676	97.7855%	TSS	--	0.289	28.3	#VALUE!	12.89153506
5439000	10/23/2005	0.14	0.14	1.62	8.28	15676	97.7855%	TSS	--	0.289	28.3	#VALUE!	12.89153506
5439000	12/8/2005	0.14	0.14	1.62	8.28	15676	97.7855%	TSS	--	0.289	28.3	#VALUE!	12.89153506
5439000	12/9/2005	0.14	0.14	1.62	8.28	15676	97.7855%	TSS	--	0.289	28.3	#VALUE!	12.89153506
5439000	12/14/2005	0.14	0.14	1.62	8.28	15676	97.7855%	TSS	--	0.289	28.3	#VALUE!	12.89153506
5439000	12/15/2005	0.14	0.14	1.62	8.28	15676	97.7855%	TSS	--	0.289	28.3	#VALUE!	12.89153506
5439000	10/14/2010	0.14	0.14	1.62	8.28	15676	97.7855%	TSS	--	0.289	28.3	#VALUE!	12.89153506
5439000	9/15/1931	0.13	0.13	1.62	8.26	15690	97.8729%	TSS	--	0.289	28.3	#VALUE!	12.86634279
5439000	9/19/1931	0.13	0.13	1.62	8.26	15690	97.8729%	TSS	--	0.289	28.3	#VALUE!	12.86634279
5439000	9/20/1931	0.13	0.13	1.62	8.26	15690	97.8729%	TSS	--	0.289	28.3	#VALUE!	12.86634279
5439000	9/23/1931	0.13	0.13	1.62	8.26	15690	97.8729%	TSS	--	0.289	28.3	#VALUE!	12.86634279
5439000	9/26/1931	0.13	0.13	1.62	8.26	15690	97.8729%	TSS	--	0.289	28.3	#VALUE!	12.86634279
5439000	8/19/1992	0.13	0.13	1.62	8.26	15690	97.8729%	TSS	--	0.289	28.3	#VALUE!	12.86634279
5439000	9/9/1999	0.13	0.13	1.62	8.26	15690	97.8729%	TSS	--	0.289	28.3	#VALUE!	12.86634279
5439000	12/16/2005	0.13	0.13	1.62	8.26	15690	97.8729%	TSS	--	0.289	28.3	#VALUE!	12.86634279
5439000	12/29/2005	0.13	0.13	1.62	8.26	15690	97.8729%	TSS	--	0.289	28.3	#VALUE!	12.86634279
5439000	11/19/2012	0.13	0.13	1.62	8.26	15690	97.8729%	TSS	0.20	0.289	28.3	9.082124325	12.86634279
5439000	11/23/2012	0.13	0.13	1.62	8.26	15690	97.8729%	TSS	--	0.289	28.3	#VALUE!	12.86634279
5439000	12/8/2013	0.13	0.13	1.62	8.26	15690	97.8729%	TSS	--	0.289	28.3	#VALUE!	12.86634279
5439000	12/14/2013	0.13	0.13	1.62	8.26	15690	97.8729%	TSS	--	0.289	28.3	#VALUE!	12.86634279
5439000	8/29/1988	0.12	0.12	1.62	8.24	15703	97.9540%	TSS	--	0.289	28.3	#VALUE!	12.84115053
5439000	1/8/2003	0.12	0.12	1.62	8.24	15703	97.9540%	TSS	--	0.289	28.3	#VALUE!	12.84115053
5439000	10/4/2004	0.12	0.12	1.62	8.24	15703	97.9540%	TSS	--	0.289	28.3	#VALUE!	12.84115053
5439000	10/18/2004	0.12	0.12	1.62	8.24	15703	97.9540%	TSS	--	0.289	28.3	#VALUE!	12.84115053
5439000	12/17/2005	0.12	0.12	1.62	8.24	15703	97.9540%	TSS	--	0.289	28.3	#VALUE!	12.84115053
5439000	12/18/2005	0.12	0.12	1.62	8.24	15703	97.9540%	TSS	--	0.289	28.3	#VALUE!	12.84115053
5439000	10/1/2010	0.12	0.12	1.62	8.24	15703	97.9540%	TSS	--	0.289	28.3	#VALUE!	12.84115053
5439000	10/11/2010	0.12	0.12	1.62	8.24	15703	97.9540%	TSS	--	0.289	28.3	#VALUE!	12.84115053
5439000	10/18/2010	0.12	0.12	1.62	8.24	15703	97.9540%	TSS	--	0.289	28.3	#VALUE!	12.84115053
5439000	11/24/2012	0.12	0.12	1.62	8.24	15703	97.9540%	TSS	--	0.289	28.3	#VALUE!	12.84115053

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/10/2013	0.12	0.12	1.62	8.24	15703	97.9540%	TSS	--	0.289	28.3	#VALUE!	12.84115053
5439000	10/11/2013	0.12	0.12	1.62	8.24	15703	97.9540%	TSS	--	0.289	28.3	#VALUE!	12.84115053
5439000	12/15/2013	0.12	0.12	1.62	8.24	15703	97.9540%	TSS	--	0.289	28.3	#VALUE!	12.84115053
5439000	9/25/1988	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	10/30/1988	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	10/12/1997	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	8/21/2003	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	9/16/2003	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	9/23/2004	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	9/29/2004	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	10/3/2004	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	8/2/2005	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	8/27/2005	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	12/19/2005	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	12/20/2005	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	12/21/2005	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	12/22/2005	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	12/23/2005	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	12/24/2005	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	12/25/2005	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	12/26/2005	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	12/27/2005	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	12/28/2005	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	10/5/2010	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	11/20/2012	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	11/25/2012	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	12/13/2012	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	1/2/2013	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	9/27/2013	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	12/16/2013	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	12/19/2013	0.11	0.11	1.62	8.23	15716	98.0351%	TSS	--	0.289	28.3	#VALUE!	12.81595827
5439000	9/28/1925	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/29/1925	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	10/3/1925	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	10/4/1925	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	10/5/1925	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	10/11/1925	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	10/12/1925	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	10/13/1925	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	10/14/1925	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	10/15/1925	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	10/16/1925	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	10/19/1925	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	10/20/1925	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/15/1929	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	8/7/1930	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	8/24/1930	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/17/1930	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	8/23/1931	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/5/1931	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/17/1931	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	8/1/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	8/6/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	8/8/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	8/10/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	8/17/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	8/18/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	8/19/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	8/20/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	8/21/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	8/22/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	8/25/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/5/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/6/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/7/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/8/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/9/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/24/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/25/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/26/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/27/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/29/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	10/3/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	10/8/1932	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	8/1/1988	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/13/1988	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	10/12/1988	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/29/1995	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	1/9/2003	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	8/24/2003	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	10/3/2003	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	10/13/2003	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	10/5/2004	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	11/24/2005	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	8/31/2006	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/22/2011	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	8/10/2012	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	11/21/2012	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/12/2013	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/25/2013	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/26/2013	0.1	0.1	1.62	8.21	15744	98.2097%	TSS	--	0.289	28.3	#VALUE!	12.790766
5439000	9/10/1932	0.09	0.09	1.62	8.19	15804	98.5840%	TSS	--	0.289	28.3	#VALUE!	12.76557374
5439000	9/11/1932	0.09	0.09	1.62	8.19	15804	98.5840%	TSS	--	0.289	28.3	#VALUE!	12.76557374
5439000	9/28/1932	0.09	0.09	1.62	8.19	15804	98.5840%	TSS	--	0.289	28.3	#VALUE!	12.76557374
5439000	9/30/1932	0.09	0.09	1.62	8.19	15804	98.5840%	TSS	--	0.289	28.3	#VALUE!	12.76557374
5439000	7/12/1988	0.09	0.09	1.62	8.19	15804	98.5840%	TSS	--	0.289	28.3	#VALUE!	12.76557374

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/8/2003	0.09	0.09	1.62	8.19	15804	98.5840%	TSS	--	0.289	28.3	#VALUE!	12.76557374
5439000	8/18/2003	0.09	0.09	1.62	8.19	15804	98.5840%	TSS	--	0.289	28.3	#VALUE!	12.76557374
5439000	8/20/2003	0.09	0.09	1.62	8.19	15804	98.5840%	TSS	--	0.289	28.3	#VALUE!	12.76557374
5439000	10/1/2003	0.09	0.09	1.62	8.19	15804	98.5840%	TSS	--	0.289	28.3	#VALUE!	12.76557374
5439000	8/31/2008	0.09	0.09	1.62	8.19	15804	98.5840%	TSS	--	0.289	28.3	#VALUE!	12.76557374
5439000	1/4/2013	0.09	0.09	1.62	8.19	15804	98.5840%	TSS	--	0.289	28.3	#VALUE!	12.76557374
5439000	9/28/2013	0.09	0.09	1.62	8.19	15804	98.5840%	TSS	--	0.289	28.3	#VALUE!	12.76557374
5439000	12/17/2013	0.09	0.09	1.62	8.19	15804	98.5840%	TSS	--	0.289	28.3	#VALUE!	12.76557374
5439000	12/18/2013	0.09	0.09	1.62	8.19	15804	98.5840%	TSS	--	0.289	28.3	#VALUE!	12.76557374
5439000	8/25/1930	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	8/24/1931	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	8/25/1931	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	9/18/1931	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	9/21/1931	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	9/24/1931	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	7/30/1932	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	10/1/1932	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	10/2/1932	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	7/13/1988	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	9/15/1988	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	9/30/1988	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	9/20/1994	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	1/10/2003	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	8/19/2003	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	8/31/2003	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	10/4/2003	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	10/19/2004	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	7/19/2005	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	9/29/2005	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	10/9/2010	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	10/16/2010	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	10/22/2010	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/22/2012	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	8/29/2012	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	12/4/2012	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	12/14/2012	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	1/5/2013	0.08	0.08	1.62	8.18	15818	98.6713%	TSS	--	0.289	28.3	#VALUE!	12.74038147
5439000	10/8/1931	0.07	0.07	1.62	8.16	15846	98.8460%	TSS	--	0.289	28.3	#VALUE!	12.71518921
5439000	7/14/1988	0.07	0.07	1.62	8.16	15846	98.8460%	TSS	--	0.289	28.3	#VALUE!	12.71518921
5439000	9/10/1999	0.07	0.07	1.62	8.16	15846	98.8460%	TSS	--	0.289	28.3	#VALUE!	12.71518921
5439000	1/11/2003	0.07	0.07	1.62	8.16	15846	98.8460%	TSS	--	0.289	28.3	#VALUE!	12.71518921
5439000	10/5/2003	0.07	0.07	1.62	8.16	15846	98.8460%	TSS	--	0.289	28.3	#VALUE!	12.71518921
5439000	9/27/2004	0.07	0.07	1.62	8.16	15846	98.8460%	TSS	--	0.289	28.3	#VALUE!	12.71518921
5439000	9/3/2006	0.07	0.07	1.62	8.16	15846	98.8460%	TSS	--	0.289	28.3	#VALUE!	12.71518921
5439000	8/27/2008	0.07	0.07	1.62	8.16	15846	98.8460%	TSS	--	0.289	28.3	#VALUE!	12.71518921
5439000	10/6/2010	0.07	0.07	1.62	8.16	15846	98.8460%	TSS	--	0.289	28.3	#VALUE!	12.71518921
5439000	12/3/2012	0.07	0.07	1.62	8.16	15846	98.8460%	TSS	--	0.289	28.3	#VALUE!	12.71518921
5439000	12/7/2012	0.07	0.07	1.62	8.16	15846	98.8460%	TSS	--	0.289	28.3	#VALUE!	12.71518921
5439000	9/11/2013	0.07	0.07	1.62	8.16	15846	98.8460%	TSS	--	0.289	28.3	#VALUE!	12.71518921
5439000	9/13/2013	0.07	0.07	1.62	8.16	15846	98.8460%	TSS	--	0.289	28.3	#VALUE!	12.71518921
5439000	10/1/2013	0.07	0.07	1.62	8.16	15846	98.8460%	TSS	--	0.289	28.3	#VALUE!	12.71518921
5439000	7/29/1930	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	8/26/1930	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	9/18/1930	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	9/19/1930	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	9/20/1930	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	9/7/1931	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	9/16/1931	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	9/27/1931	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	7/31/1932	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	9/1/1988	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	9/28/1988	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	9/29/1988	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	1/12/2003	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/24/2003	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	10/6/2003	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	9/24/2004	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	9/30/2004	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	10/6/2004	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	9/17/2005	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	9/30/2005	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	9/15/2011	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	11/26/2012	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	8/20/2013	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	1/7/2014	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	1/9/2014	0.06	0.06	1.62	8.15	15860	98.9333%	TSS	--	0.289	28.3	#VALUE!	12.68999695
5439000	8/27/1930	0.05	0.05	1.62	8.13	15885	99.0893%	TSS	--	0.289	28.3	#VALUE!	12.66480468
5439000	9/21/1930	0.05	0.05	1.62	8.13	15885	99.0893%	TSS	--	0.289	28.3	#VALUE!	12.66480468
5439000	9/22/1930	0.05	0.05	1.62	8.13	15885	99.0893%	TSS	--	0.289	28.3	#VALUE!	12.66480468
5439000	9/28/1931	0.05	0.05	1.62	8.13	15885	99.0893%	TSS	--	0.289	28.3	#VALUE!	12.66480468
5439000	10/9/1931	0.05	0.05	1.62	8.13	15885	99.0893%	TSS	--	0.289	28.3	#VALUE!	12.66480468
5439000	8/6/1988	0.05	0.05	1.62	8.13	15885	99.0893%	TSS	--	0.289	28.3	#VALUE!	12.66480468
5439000	9/16/2002	0.05	0.05	1.62	8.13	15885	99.0893%	TSS	--	0.289	28.3	#VALUE!	12.66480468
5439000	1/13/2003	0.05	0.05	1.62	8.13	15885	99.0893%	TSS	--	0.289	28.3	#VALUE!	12.66480468
5439000	8/28/2003	0.05	0.05	1.62	8.13	15885	99.0893%	TSS	--	0.289	28.3	#VALUE!	12.66480468
5439000	10/11/2003	0.05	0.05	1.62	8.13	15885	99.0893%	TSS	--	0.289	28.3	#VALUE!	12.66480468
5439000	8/3/2005	0.05	0.05	1.62	8.13	15885	99.0893%	TSS	--	0.289	28.3	#VALUE!	12.66480468
5439000	9/15/2005	0.05	0.05	1.62	8.13	15885	99.0893%	TSS	--	0.289	28.3	#VALUE!	12.66480468
5439000	11/11/2005	0.05	0.05	1.62	8.13	15885	99.0893%	TSS	--	0.289	28.3	#VALUE!	12.66480468
5439000	8/21/2006	0.05	0.05	1.62	8.13	15885	99.0893%	TSS	--	0.289	28.3	#VALUE!	12.66480468
5439000	11/27/2012	0.05	0.05	1.62	8.13	15885	99.0893%	TSS	--	0.289	28.3	#VALUE!	12.66480468
5439000	12/2/2012	0.05	0.05	1.62	8.13	15885	99.0893%	TSS	--	0.289	28.3	#VALUE!	12.66480468
5439000	9/14/2013	0.05	0.05	1.62	8.13	15885	99.0893%	TSS	--	0.289	28.3	#VALUE!	12.66480468
5439000	10/2/2013	0.05	0.05	1.62	8.13	15885	99.0893%	TSS	--	0.289	28.3	#VALUE!	12.66480468
5439000	8/28/1930	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	8/29/1930	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/24/1930	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	9/25/1930	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	9/29/1931	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	9/30/1931	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	10/1/1931	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	10/2/1931	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	7/15/1988	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	9/21/1994	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	1/14/2003	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	3/7/2003	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	9/4/2003	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	8/10/2005	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	9/22/2005	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	8/14/2006	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	10/7/2010	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	9/13/2011	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	8/30/2012	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	9/3/2012	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	11/28/2012	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	11/29/2012	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	11/30/2012	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	12/1/2012	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	12/5/2012	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	8/21/2013	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	1/8/2014	0.04	0.04	1.62	8.11	15903	99.2015%	TSS	--	0.289	28.3	#VALUE!	12.63961242
5439000	8/30/1930	0.03	0.03	1.62	8.10	15930	99.3700%	TSS	--	0.289	28.3	#VALUE!	12.61442016
5439000	9/23/1930	0.03	0.03	1.62	8.10	15930	99.3700%	TSS	--	0.289	28.3	#VALUE!	12.61442016
5439000	10/3/1931	0.03	0.03	1.62	8.10	15930	99.3700%	TSS	--	0.289	28.3	#VALUE!	12.61442016
5439000	9/23/1999	0.03	0.03	1.62	8.10	15930	99.3700%	TSS	--	0.289	28.3	#VALUE!	12.61442016
5439000	9/26/1999	0.03	0.03	1.62	8.10	15930	99.3700%	TSS	--	0.289	28.3	#VALUE!	12.61442016
5439000	9/17/2002	0.03	0.03	1.62	8.10	15930	99.3700%	TSS	--	0.289	28.3	#VALUE!	12.61442016
5439000	1/15/2003	0.03	0.03	1.62	8.10	15930	99.3700%	TSS	--	0.289	28.3	#VALUE!	12.61442016

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/16/2003	0.03	0.03	1.62	8.10	15930	99.3700%	TSS	--	0.289	28.3	#VALUE!	12.61442016
5439000	10/2/2003	0.03	0.03	1.62	8.10	15930	99.3700%	TSS	0.11	0.289	28.3	4.801336391	12.61442016
5439000	10/10/2004	0.03	0.03	1.62	8.10	15930	99.3700%	TSS	--	0.289	28.3	#VALUE!	12.61442016
5439000	10/20/2004	0.03	0.03	1.62	8.10	15930	99.3700%	TSS	--	0.289	28.3	#VALUE!	12.61442016
5439000	10/21/2004	0.03	0.03	1.62	8.10	15930	99.3700%	TSS	--	0.289	28.3	#VALUE!	12.61442016
5439000	10/1/2005	0.03	0.03	1.62	8.10	15930	99.3700%	TSS	--	0.289	28.3	#VALUE!	12.61442016
5439000	10/13/2010	0.03	0.03	1.62	8.10	15930	99.3700%	TSS	--	0.289	28.3	#VALUE!	12.61442016
5439000	10/21/2010	0.03	0.03	1.62	8.10	15930	99.3700%	TSS	--	0.289	28.3	#VALUE!	12.61442016
5439000	8/31/2012	0.03	0.03	1.62	8.10	15930	99.3700%	TSS	--	0.289	28.3	#VALUE!	12.61442016
5439000	9/2/2012	0.03	0.03	1.62	8.10	15930	99.3700%	TSS	--	0.289	28.3	#VALUE!	12.61442016
5439000	12/6/2012	0.03	0.03	1.62	8.10	15930	99.3700%	TSS	--	0.289	28.3	#VALUE!	12.61442016
5439000	7/30/1930	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	8/1/1930	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	8/2/1930	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	9/2/1988	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	9/26/1988	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	1/17/2003	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	1/18/2003	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	1/19/2003	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	2/3/2003	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	2/4/2003	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	2/25/2003	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	2/26/2003	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	2/27/2003	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	2/28/2003	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	3/1/2003	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	3/2/2003	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	3/3/2003	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	3/4/2003	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	3/5/2003	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	3/6/2003	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	8/29/2003	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/17/2003	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	8/4/2005	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	8/5/2005	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	8/6/2005	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	8/7/2005	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	8/8/2005	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	8/9/2005	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	9/14/2005	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	10/6/2005	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	10/10/2010	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	9/14/2011	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	8/11/2012	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	8/12/2012	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	8/23/2012	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	8/24/2012	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	8/25/2012	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	9/1/2012	0.02	0.02	1.62	8.08	15948	99.4823%	TSS	--	0.289	28.3	#VALUE!	12.58922789
5439000	7/31/1930	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	10/4/1931	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	10/5/1931	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	10/6/1931	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	9/27/1988	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	9/25/1999	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	1/20/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	1/21/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	1/22/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	1/23/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	1/24/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	1/25/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	1/26/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	1/28/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	1/29/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/30/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	1/31/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/1/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/2/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/5/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/6/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/7/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/8/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/9/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/13/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/14/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/15/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/16/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/17/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/18/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/19/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/20/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/21/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/22/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/23/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	2/24/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	8/25/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	9/21/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	10/7/2003	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	10/7/2004	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	8/26/2008	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	10/15/2010	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	10/20/2010	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	9/16/2011	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	9/23/2011	0.01	0.01	1.62	8.06	15986	99.7193%	TSS	--	0.289	28.3	#VALUE!	12.56403563
5439000	8/7/1988	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/20/1988	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/21/1988	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	8/24/1991	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/11/1999	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/24/1999	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	1/27/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	2/10/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	2/11/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	2/12/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	8/26/2003	0	0	1.62	8.05	16031	100.0000%	TSS	0.16	0.289	28.3	6.941920201	12.53884336
5439000	8/27/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	8/30/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/5/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/6/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/7/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/8/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/9/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/10/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/11/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/18/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/19/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/20/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/23/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/25/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/8/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/9/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/10/2003	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/25/2004	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/26/2004	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/11/2004	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/12/2004	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/13/2004	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	8/28/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/29/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	8/30/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	8/31/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/1/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/2/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/3/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/4/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/5/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/6/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/7/2005	0	0	1.62	8.05	16031	100.0000%	TSS	0.11	0.289	28.3	4.772570138	12.53884336
5439000	9/8/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/9/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/10/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/11/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/12/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/13/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/18/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/23/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/7/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/8/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/9/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/10/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/11/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/12/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/13/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/14/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/15/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/16/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/17/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/18/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/19/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/20/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/21/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/22/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/24/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/25/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/26/2005	0	0	1.62	8.05	16031	100.0000%	TSS	0.07	0.289	28.3	3.015396587	12.53884336
5439000	10/27/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/28/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/29/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/30/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	10/31/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	11/1/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	11/2/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	11/3/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	11/4/2005	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	8/15/2006	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	8/16/2006	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	8/17/2006	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	8/22/2006	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	8/23/2006	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	8/24/2006	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	8/25/2006	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	8/26/2006	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	8/27/2006	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/1/2006	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/2/2006	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	8/25/2008	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/1/2008	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/2/2008	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/3/2008	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/17/2011	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/24/2011	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336
5439000	9/25/2011	0	0	1.62	8.05	16031	100.0000%	TSS	--	0.289	28.3	#VALUE!	12.53884336

Little Vermilion River (DR-01)
Zinc

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/24/2007	2890	2890	1.62	4680.51	1	0.0062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	1531.498997
5439000	7/3/1983	2520	2520	1.62	4082.19	2	0.0125%	Zinc	--	µg/L	60.7	28.3	#VALUE!	1335.723013
5439000	7/2/1983	2510	2510	1.62	4066.02	3	0.0187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	1330.431771
5439000	8/25/2007	2440	2440	1.62	3952.82	4	0.0250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	1293.393071
5439000	7/18/1996	1980	1980	1.62	3208.96	5	0.0312%	Zinc	--	µg/L	60.7	28.3	#VALUE!	1049.995903
5439000	9/14/2008	1830	1830	1.62	2966.40	6	0.0374%	Zinc	--	µg/L	60.7	28.3	#VALUE!	970.6272609
5439000	9/15/2008	1820	1820	1.62	2950.23	7	0.0437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	965.3360181
5439000	7/19/1996	1680	1680	1.62	2723.83	8	0.0499%	Zinc	--	µg/L	60.7	28.3	#VALUE!	891.258619
5439000	8/26/2007	1620	1620	1.62	2626.81	9	0.0561%	Zinc	--	µg/L	60.7	28.3	#VALUE!	859.5111622
5439000	2/21/1997	1580	1580	1.62	2562.12	10	0.0624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	838.3461911
5439000	4/18/2013	1550	1550	1.62	2513.61	11	0.0686%	Zinc	--	µg/L	60.7	28.3	#VALUE!	822.4724627
5439000	8/27/1987	1520	1520	1.62	2465.10	12	0.0749%	Zinc	--	µg/L	60.7	28.3	#VALUE!	806.5987343
5439000	2/22/1997	1490	1490	1.62	2416.59	13	0.0811%	Zinc	--	µg/L	60.7	28.3	#VALUE!	790.725006
5439000	4/19/2013	1430	1430	1.62	2319.56	14	0.0873%	Zinc	--	µg/L	60.7	28.3	#VALUE!	758.9775492
5439000	9/9/1980	1380	1380	1.62	2238.71	15	0.0936%	Zinc	--	µg/L	60.7	28.3	#VALUE!	732.5213353
5439000	7/4/1983	1280	1280	1.62	2077.00	16	0.0998%	Zinc	--	µg/L	60.7	28.3	#VALUE!	679.6089073
5439000	6/16/2015	1250	1250	1.62	2028.48	17	0.1060%	Zinc	--	µg/L	60.7	28.3	#VALUE!	663.735179
5439000	8/28/1987	1240	1240	1.62	2012.31	18	0.1123%	Zinc	--	µg/L	60.7	28.3	#VALUE!	658.4439362
5439000	9/16/2008	1220	1220	1.62	1979.97	19	0.1185%	Zinc	--	µg/L	60.7	28.3	#VALUE!	647.8614506
5439000	3/24/1993	1210	1210	1.62	1963.80	20	0.1248%	Zinc	--	µg/L	60.7	28.3	#VALUE!	642.5702078
5439000	7/20/1996	1190	1190	1.62	1931.46	21	0.1310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	631.9877222
5439000	2/20/1994	1180	1180	1.62	1915.29	22	0.1372%	Zinc	--	µg/L	60.7	28.3	#VALUE!	626.6964794
5439000	3/9/2009	1170	1170	1.62	1899.12	23	0.1435%	Zinc	--	µg/L	60.7	28.3	#VALUE!	621.4052366
5439000	8/6/1996	1130	1130	1.62	1834.43	24	0.1497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	600.2402655
5439000	5/31/2004	1130	1130	1.62	1834.43	24	0.1497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	600.2402655
5439000	5/26/1991	1120	1120	1.62	1818.26	26	0.1622%	Zinc	--	µg/L	60.7	28.3	#VALUE!	594.9490227
5439000	3/3/2008	1120	1120	1.62	1818.26	26	0.1622%	Zinc	--	µg/L	60.7	28.3	#VALUE!	594.9490227
5439000	5/30/2011	1120	1120	1.62	1818.26	26	0.1622%	Zinc	--	µg/L	60.7	28.3	#VALUE!	594.9490227
5439000	9/8/1980	1100	1100	1.62	1785.92	29	0.1809%	Zinc	--	µg/L	60.7	28.3	#VALUE!	584.3665371
5439000	5/29/1996	1100	1100	1.62	1785.92	29	0.1809%	Zinc	--	µg/L	60.7	28.3	#VALUE!	584.3665371
5439000	8/23/2007	1050	1050	1.62	1705.07	31	0.1934%	Zinc	--	µg/L	60.7	28.3	#VALUE!	557.9103231

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/10/1980	1040	1040	1.62	1688.90	32	0.1996%	Zinc	--	µg/L	60.7	28.3	#VALUE!	552.6190803
5439000	6/5/2002	1040	1040	1.62	1688.90	32	0.1996%	Zinc	100.00	µg/L	60.7	28.3	910.4103465	552.6190803
5439000	6/17/2015	1030	1030	1.62	1672.72	34	0.2121%	Zinc	--	µg/L	60.7	28.3	#VALUE!	547.3278376
5439000	8/17/1987	1010	1010	1.62	1640.38	35	0.2183%	Zinc	--	µg/L	60.7	28.3	#VALUE!	536.745352
5439000	8/27/2007	1010	1010	1.62	1640.38	35	0.2183%	Zinc	--	µg/L	60.7	28.3	#VALUE!	536.745352
5439000	2/25/2001	992	992	1.62	1611.27	37	0.2308%	Zinc	--	µg/L	60.7	28.3	#VALUE!	527.2211149
5439000	2/23/1997	968	968	1.62	1572.46	38	0.2370%	Zinc	--	µg/L	60.7	28.3	#VALUE!	514.5221322
5439000	3/11/2013	956	956	1.62	1553.06	39	0.2433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	508.1726409
5439000	8/15/1987	949	949	1.62	1541.74	40	0.2495%	Zinc	--	µg/L	60.7	28.3	#VALUE!	504.4687709
5439000	4/3/1983	944	944	1.62	1533.65	41	0.2558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	501.8231495
5439000	12/3/1982	939	939	1.62	1525.57	42	0.2620%	Zinc	--	µg/L	60.7	28.3	#VALUE!	499.1775281
5439000	6/14/1981	937	937	1.62	1522.33	43	0.2682%	Zinc	--	µg/L	60.7	28.3	#VALUE!	498.1192796
5439000	12/28/2008	932	932	1.62	1514.25	44	0.2745%	Zinc	--	µg/L	60.7	28.3	#VALUE!	495.4736582
5439000	9/13/2008	930	930	1.62	1511.02	45	0.2807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	494.4154096
5439000	6/12/1929	924	924	1.62	1501.31	46	0.2869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	491.240664
5439000	7/19/1993	921	921	1.62	1496.46	47	0.2932%	Zinc	--	µg/L	60.7	28.3	#VALUE!	489.6532911
5439000	6/1/2004	921	921	1.62	1496.46	47	0.2932%	Zinc	--	µg/L	60.7	28.3	#VALUE!	489.6532911
5439000	3/5/1985	920	920	1.62	1494.84	49	0.3057%	Zinc	--	µg/L	60.7	28.3	#VALUE!	489.1241668
5439000	8/18/1987	915	915	1.62	1486.76	50	0.3119%	Zinc	--	µg/L	60.7	28.3	#VALUE!	486.4785454
5439000	5/14/2010	901	901	1.62	1464.12	51	0.3181%	Zinc	--	µg/L	60.7	28.3	#VALUE!	479.0708055
5439000	8/26/1987	899	899	1.62	1460.89	52	0.3244%	Zinc	--	µg/L	60.7	28.3	#VALUE!	478.012557
5439000	3/8/2009	899	899	1.62	1460.89	52	0.3244%	Zinc	--	µg/L	60.7	28.3	#VALUE!	478.012557
5439000	5/22/1983	896	896	1.62	1456.03	54	0.3368%	Zinc	--	µg/L	60.7	28.3	#VALUE!	476.4251841
5439000	5/13/2010	873	873	1.62	1418.84	55	0.3431%	Zinc	--	µg/L	60.7	28.3	#VALUE!	464.2553257
5439000	12/4/1982	859	859	1.62	1396.20	56	0.3493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	456.8475858
5439000	8/29/1987	859	859	1.62	1396.20	56	0.3493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	456.8475858
5439000	6/14/1999	849	849	1.62	1380.03	58	0.3618%	Zinc	--	µg/L	60.7	28.3	#VALUE!	451.556343
5439000	6/18/2015	847	847	1.62	1376.80	59	0.3680%	Zinc	--	µg/L	60.7	28.3	#VALUE!	450.4980945
5439000	4/20/2013	846	846	1.62	1375.18	60	0.3743%	Zinc	--	µg/L	60.7	28.3	#VALUE!	449.9689702
5439000	3/23/1993	845	845	1.62	1373.56	61	0.3805%	Zinc	--	µg/L	60.7	28.3	#VALUE!	449.4398459
5439000	3/12/2013	843	843	1.62	1370.33	62	0.3868%	Zinc	--	µg/L	60.7	28.3	#VALUE!	448.3815973

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/17/2008	836	836	1.62	1359.01	63	0.3930%	Zinc	--	µg/L	60.7	28.3	#VALUE!	444.6777274
5439000	5/18/1986	831	831	1.62	1350.92	64	0.3992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	442.032106
5439000	6/25/1994	825	825	1.62	1341.22	65	0.4055%	Zinc	--	µg/L	60.7	28.3	#VALUE!	438.8573603
5439000	3/4/1993	824	824	1.62	1339.60	66	0.4117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	438.328236
5439000	5/27/1991	820	820	1.62	1333.14	67	0.4179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	436.2117389
5439000	3/10/2009	819	819	1.62	1331.52	68	0.4242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	435.6826146
5439000	5/22/2004	811	811	1.62	1318.58	69	0.4304%	Zinc	--	µg/L	60.7	28.3	#VALUE!	431.4496204
5439000	5/25/1927	805	805	1.62	1308.88	70	0.4367%	Zinc	--	µg/L	60.7	28.3	#VALUE!	428.2748747
5439000	6/9/1993	803	803	1.62	1305.64	71	0.4429%	Zinc	--	µg/L	60.7	28.3	#VALUE!	427.2166262
5439000	5/14/2011	798	798	1.62	1297.56	72	0.4491%	Zinc	--	µg/L	60.7	28.3	#VALUE!	424.5710048
5439000	2/27/2009	791	791	1.62	1286.24	73	0.4554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	420.8671348
5439000	3/12/2014	790	790	1.62	1284.62	74	0.4616%	Zinc	--	µg/L	60.7	28.3	#VALUE!	420.3380106
5439000	4/16/1993	788	788	1.62	1281.39	75	0.4678%	Zinc	--	µg/L	60.7	28.3	#VALUE!	419.279762
5439000	8/16/1987	772	772	1.62	1255.51	76	0.4741%	Zinc	--	µg/L	60.7	28.3	#VALUE!	410.8137735
5439000	2/10/2001	766	766	1.62	1245.81	77	0.4803%	Zinc	--	µg/L	60.7	28.3	#VALUE!	407.6390279
5439000	6/13/1929	765	765	1.62	1244.20	78	0.4866%	Zinc	--	µg/L	60.7	28.3	#VALUE!	407.1099036
5439000	2/14/1984	761	761	1.62	1237.73	79	0.4928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	404.9934065
5439000	5/30/1996	760	760	1.62	1236.11	80	0.4990%	Zinc	--	µg/L	60.7	28.3	#VALUE!	404.4642822
5439000	5/24/1927	756	756	1.62	1229.64	81	0.5053%	Zinc	--	µg/L	60.7	28.3	#VALUE!	402.3477851
5439000	3/11/2014	756	756	1.62	1229.64	81	0.5053%	Zinc	--	µg/L	60.7	28.3	#VALUE!	402.3477851
5439000	12/29/2008	754	754	1.62	1226.41	83	0.5177%	Zinc	--	µg/L	60.7	28.3	#VALUE!	401.2895365
5439000	3/1/1997	753	753	1.62	1224.79	84	0.5240%	Zinc	--	µg/L	60.7	28.3	#VALUE!	400.7604122
5439000	8/7/1996	751	751	1.62	1221.56	85	0.5302%	Zinc	--	µg/L	60.7	28.3	#VALUE!	399.7021637
5439000	2/19/1994	750	750	1.62	1219.94	86	0.5365%	Zinc	--	µg/L	60.7	28.3	#VALUE!	399.1730394
5439000	7/5/1983	743	743	1.62	1208.62	87	0.5427%	Zinc	--	µg/L	60.7	28.3	#VALUE!	395.4691694
5439000	4/23/1999	741	741	1.62	1205.39	88	0.5489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	394.4109209
5439000	2/5/1991	740	740	1.62	1203.77	89	0.5552%	Zinc	--	µg/L	60.7	28.3	#VALUE!	393.8817966
5439000	6/10/2011	739	739	1.62	1202.15	90	0.5614%	Zinc	--	µg/L	60.7	28.3	#VALUE!	393.3526723
5439000	8/14/1987	736	736	1.62	1197.30	91	0.5677%	Zinc	--	µg/L	60.7	28.3	#VALUE!	391.7652995
5439000	6/13/2000	736	736	1.62	1197.30	91	0.5677%	Zinc	--	µg/L	60.7	28.3	#VALUE!	391.7652995
5439000	6/6/2002	732	732	1.62	1190.83	93	0.5801%	Zinc	--	µg/L	60.7	28.3	#VALUE!	389.6488024

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/23/1983	727	727	1.62	1182.75	94	0.5864%	Zinc	--	µg/L	60.7	28.3	#VALUE!	387.003181
5439000	2/21/1994	726	726	1.62	1181.13	95	0.5926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	386.4740567
5439000	1/23/1999	721	721	1.62	1173.04	96	0.5988%	Zinc	--	µg/L	60.7	28.3	#VALUE!	383.8284353
5439000	5/11/2003	714	714	1.62	1161.72	97	0.6051%	Zinc	--	µg/L	60.7	28.3	#VALUE!	380.1245653
5439000	5/8/1998	713	713	1.62	1160.11	98	0.6113%	Zinc	--	µg/L	60.7	28.3	#VALUE!	379.5954411
5439000	5/23/2004	710	710	1.62	1155.26	99	0.6176%	Zinc	--	µg/L	60.7	28.3	#VALUE!	378.0080682
5439000	7/21/1996	705	705	1.62	1147.17	100	0.6238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	375.3624468
5439000	5/19/1986	704	704	1.62	1145.55	101	0.6300%	Zinc	--	µg/L	60.7	28.3	#VALUE!	374.8333225
5439000	6/13/1999	704	704	1.62	1145.55	101	0.6300%	Zinc	--	µg/L	60.7	28.3	#VALUE!	374.8333225
5439000	6/15/2015	704	704	1.62	1145.55	101	0.6300%	Zinc	--	µg/L	60.7	28.3	#VALUE!	374.8333225
5439000	3/25/1993	702	702	1.62	1142.32	104	0.6487%	Zinc	--	µg/L	60.7	28.3	#VALUE!	373.775074
5439000	6/24/1994	701	701	1.62	1140.70	105	0.6550%	Zinc	--	µg/L	60.7	28.3	#VALUE!	373.2459497
5439000	5/31/2011	701	701	1.62	1140.70	105	0.6550%	Zinc	--	µg/L	60.7	28.3	#VALUE!	373.2459497
5439000	6/14/2000	700	700	1.62	1139.08	107	0.6675%	Zinc	--	µg/L	60.7	28.3	#VALUE!	372.7168254
5439000	5/21/2004	698	698	1.62	1135.85	108	0.6737%	Zinc	--	µg/L	60.7	28.3	#VALUE!	371.6585769
5439000	5/24/1995	697	697	1.62	1134.23	109	0.6799%	Zinc	--	µg/L	60.7	28.3	#VALUE!	371.1294526
5439000	9/11/1980	691	691	1.62	1124.53	110	0.6862%	Zinc	--	µg/L	60.7	28.3	#VALUE!	367.9547069
5439000	8/7/2007	684	684	1.62	1113.21	111	0.6924%	Zinc	--	µg/L	60.7	28.3	#VALUE!	364.250837
5439000	4/11/2008	684	684	1.62	1113.21	111	0.6924%	Zinc	--	µg/L	60.7	28.3	#VALUE!	364.250837
5439000	6/4/2002	683	683	1.62	1111.59	113	0.7049%	Zinc	--	µg/L	60.7	28.3	#VALUE!	363.7217127
5439000	5/28/1996	678	678	1.62	1103.51	114	0.7111%	Zinc	--	µg/L	60.7	28.3	#VALUE!	361.0760913
5439000	5/21/1987	671	671	1.62	1092.19	115	0.7174%	Zinc	--	µg/L	60.7	28.3	#VALUE!	357.3722213
5439000	12/5/1982	670	670	1.62	1090.57	116	0.7236%	Zinc	--	µg/L	60.7	28.3	#VALUE!	356.8430971
5439000	3/4/1985	670	670	1.62	1090.57	116	0.7236%	Zinc	--	µg/L	60.7	28.3	#VALUE!	356.8430971
5439000	7/9/1986	669	669	1.62	1088.95	118	0.7361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	356.3139728
5439000	6/12/2000	669	669	1.62	1088.95	118	0.7361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	356.3139728
5439000	12/26/2009	668	668	1.62	1087.34	120	0.7485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	355.7848485
5439000	3/4/2008	666	666	1.62	1084.10	121	0.7548%	Zinc	--	µg/L	60.7	28.3	#VALUE!	354.7265999
5439000	7/1/2014	666	666	1.62	1084.10	121	0.7548%	Zinc	--	µg/L	60.7	28.3	#VALUE!	354.7265999
5439000	11/18/1928	663	663	1.62	1079.25	123	0.7673%	Zinc	--	µg/L	60.7	28.3	#VALUE!	353.1392271
5439000	1/31/1988	661	661	1.62	1076.02	124	0.7735%	Zinc	--	µg/L	60.7	28.3	#VALUE!	352.0809785

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5439000	4/1/1993	657	657	1.62	1069.55	125	0.7797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	349.9644814
5439000	6/13/1981	652	652	1.62	1061.46	126	0.7860%	Zinc	--	µg/L	60.7	28.3	#VALUE!	347.31886
5439000	8/8/2007	652	652	1.62	1061.46	126	0.7860%	Zinc	--	µg/L	60.7	28.3	#VALUE!	347.31886
5439000	4/2/1983	649	649	1.62	1056.61	128	0.7985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	345.7314872
5439000	11/20/1985	649	649	1.62	1056.61	128	0.7985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	345.7314872
5439000	6/15/1981	647	647	1.62	1053.38	130	0.8109%	Zinc	--	µg/L	60.7	28.3	#VALUE!	344.6732386
5439000	7/30/1989	644	644	1.62	1048.53	131	0.8172%	Zinc	--	µg/L	60.7	28.3	#VALUE!	343.0858658
5439000	1/24/1999	643	643	1.62	1046.91	132	0.8234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	342.5567415
5439000	2/26/1985	639	639	1.62	1040.44	133	0.8296%	Zinc	--	µg/L	60.7	28.3	#VALUE!	340.4402444
5439000	2/15/1984	637	637	1.62	1037.21	134	0.8359%	Zinc	--	µg/L	60.7	28.3	#VALUE!	339.3819958
5439000	2/25/1985	636	636	1.62	1035.59	135	0.8421%	Zinc	--	µg/L	60.7	28.3	#VALUE!	338.8528716
5439000	2/9/2001	636	636	1.62	1035.59	135	0.8421%	Zinc	--	µg/L	60.7	28.3	#VALUE!	338.8528716
5439000	6/8/1993	634	634	1.62	1032.36	137	0.8546%	Zinc	--	µg/L	60.7	28.3	#VALUE!	337.794623
5439000	1/4/1993	633	633	1.62	1030.74	138	0.8608%	Zinc	--	µg/L	60.7	28.3	#VALUE!	337.2654987
5439000	4/4/1983	629	629	1.62	1024.27	139	0.8671%	Zinc	--	µg/L	60.7	28.3	#VALUE!	335.1490016
5439000	11/15/1926	628	628	1.62	1022.65	140	0.8733%	Zinc	--	µg/L	60.7	28.3	#VALUE!	334.6198773
5439000	2/13/1984	627	627	1.62	1021.04	141	0.8795%	Zinc	--	µg/L	60.7	28.3	#VALUE!	334.0907531
5439000	12/30/2008	626	626	1.62	1019.42	142	0.8858%	Zinc	--	µg/L	60.7	28.3	#VALUE!	333.5616288
5439000	12/25/2009	625	625	1.62	1017.80	143	0.8920%	Zinc	--	µg/L	60.7	28.3	#VALUE!	333.0325045
5439000	7/20/2007	621	621	1.62	1011.33	144	0.8983%	Zinc	--	µg/L	60.7	28.3	#VALUE!	330.9160074
5439000	6/2/1999	620	620	1.62	1009.72	145	0.9045%	Zinc	--	µg/L	60.7	28.3	#VALUE!	330.3868831
5439000	10/31/2009	620	620	1.62	1009.72	145	0.9045%	Zinc	--	µg/L	60.7	28.3	#VALUE!	330.3868831
5439000	2/25/1926	613	613	1.62	998.40	147	0.9170%	Zinc	--	µg/L	60.7	28.3	#VALUE!	326.6830131
5439000	3/11/1990	612	612	1.62	996.78	148	0.9232%	Zinc	--	µg/L	60.7	28.3	#VALUE!	326.1538889
5439000	5/12/2002	608	608	1.62	990.31	149	0.9294%	Zinc	--	µg/L	60.7	28.3	#VALUE!	324.0373917
5439000	3/13/2014	605	605	1.62	985.46	150	0.9357%	Zinc	--	µg/L	60.7	28.3	#VALUE!	322.4500189
5439000	6/18/1996	600	600	1.62	977.38	151	0.9419%	Zinc	--	µg/L	60.7	28.3	#VALUE!	319.8043975
5439000	3/11/2009	598	598	1.62	974.14	152	0.9482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	318.746149
5439000	3/12/1990	594	594	1.62	967.67	153	0.9544%	Zinc	--	µg/L	60.7	28.3	#VALUE!	316.6296518
5439000	2/26/2001	593	593	1.62	966.06	154	0.9606%	Zinc	--	µg/L	60.7	28.3	#VALUE!	316.1005276
5439000	11/28/1990	592	592	1.62	964.44	155	0.9669%	Zinc	--	µg/L	60.7	28.3	#VALUE!	315.5714033

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5439000	3/10/1986	588	588	1.62	957.97	156	0.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	313.4549062
5439000	7/23/1982	587	587	1.62	956.35	157	0.9794%	Zinc	--	µg/L	60.7	28.3	#VALUE!	312.9257819
5439000	4/1/1929	582	582	1.62	948.27	158	0.9856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	310.2801605
5439000	8/28/2007	582	582	1.62	948.27	158	0.9856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	310.2801605
5439000	6/30/2013	580	580	1.62	945.03	160	0.9981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	309.2219119
5439000	5/30/1980	578	578	1.62	941.80	161	1.0043%	Zinc	--	µg/L	60.7	28.3	#VALUE!	308.1636634
5439000	3/15/2014	577	577	1.62	940.18	162	1.0105%	Zinc	--	µg/L	60.7	28.3	#VALUE!	307.6345391
5439000	11/19/1985	575	575	1.62	936.95	163	1.0168%	Zinc	--	µg/L	60.7	28.3	#VALUE!	306.5762905
5439000	3/3/1993	574	574	1.62	935.33	164	1.0230%	Zinc	--	µg/L	60.7	28.3	#VALUE!	306.0471663
5439000	5/29/2011	571	571	1.62	930.48	165	1.0293%	Zinc	--	µg/L	60.7	28.3	#VALUE!	304.4597934
5439000	7/19/2007	570	570	1.62	928.86	166	1.0355%	Zinc	--	µg/L	60.7	28.3	#VALUE!	303.9306691
5439000	8/19/1987	569	569	1.62	927.25	167	1.0417%	Zinc	--	µg/L	60.7	28.3	#VALUE!	303.4015449
5439000	2/5/1927	568	568	1.62	925.63	168	1.0480%	Zinc	--	µg/L	60.7	28.3	#VALUE!	302.8724206
5439000	6/15/2000	567	567	1.62	924.01	169	1.0542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	302.3432963
5439000	7/2/2014	566	566	1.62	922.39	170	1.0604%	Zinc	--	µg/L	60.7	28.3	#VALUE!	301.814172
5439000	12/6/1982	564	564	1.62	919.16	171	1.0667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	300.7559235
5439000	3/2/2007	561	561	1.62	914.31	172	1.0729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	299.1685506
5439000	3/13/2013	561	561	1.62	914.31	172	1.0729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	299.1685506
5439000	7/2/1933	559	559	1.62	911.07	174	1.0854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	298.1103021
5439000	12/27/2008	559	559	1.62	911.07	174	1.0854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	298.1103021
5439000	6/14/1993	558	558	1.62	909.46	176	1.0979%	Zinc	--	µg/L	60.7	28.3	#VALUE!	297.5811778
5439000	4/17/1993	555	555	1.62	904.61	177	1.1041%	Zinc	--	µg/L	60.7	28.3	#VALUE!	295.993805
5439000	5/15/2011	555	555	1.62	904.61	177	1.1041%	Zinc	--	µg/L	60.7	28.3	#VALUE!	295.993805
5439000	7/10/1986	551	551	1.62	898.14	179	1.1166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	293.8773078
5439000	5/22/1987	551	551	1.62	898.14	179	1.1166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	293.8773078
5439000	11/19/1928	550	550	1.62	896.52	181	1.1291%	Zinc	--	µg/L	60.7	28.3	#VALUE!	293.3481836
5439000	6/11/2011	550	550	1.62	896.52	181	1.1291%	Zinc	--	µg/L	60.7	28.3	#VALUE!	293.3481836
5439000	4/16/1998	548	548	1.62	893.29	183	1.1415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	292.289935
5439000	6/9/2011	547	547	1.62	891.67	184	1.1478%	Zinc	--	µg/L	60.7	28.3	#VALUE!	291.7608107
5439000	4/6/1988	546	546	1.62	890.05	185	1.1540%	Zinc	--	µg/L	60.7	28.3	#VALUE!	291.2316864
5439000	6/16/1981	545	545	1.62	888.44	186	1.1603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	290.7025622

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5439000	9/26/1993	542	542	1.62	883.58	187	1.1665%	Zinc	--	µg/L	60.7	28.3	#VALUE!	289.1151893
5439000	5/13/1999	542	542	1.62	883.58	187	1.1665%	Zinc	--	µg/L	60.7	28.3	#VALUE!	289.1151893
5439000	6/12/1926	538	538	1.62	877.12	189	1.1790%	Zinc	--	µg/L	60.7	28.3	#VALUE!	286.9986922
5439000	5/26/1927	538	538	1.62	877.12	189	1.1790%	Zinc	--	µg/L	60.7	28.3	#VALUE!	286.9986922
5439000	11/6/1994	538	538	1.62	877.12	189	1.1790%	Zinc	--	µg/L	60.7	28.3	#VALUE!	286.9986922
5439000	6/2/2004	538	538	1.62	877.12	189	1.1790%	Zinc	--	µg/L	60.7	28.3	#VALUE!	286.9986922
5439000	3/12/2015	537	537	1.62	875.50	193	1.2039%	Zinc	--	µg/L	60.7	28.3	#VALUE!	286.4695679
5439000	6/20/1993	535	535	1.62	872.26	194	1.2102%	Zinc	--	µg/L	60.7	28.3	#VALUE!	285.4113194
5439000	5/13/2002	535	535	1.62	872.26	194	1.2102%	Zinc	--	µg/L	60.7	28.3	#VALUE!	285.4113194
5439000	3/4/1929	534	534	1.62	870.65	196	1.2226%	Zinc	--	µg/L	60.7	28.3	#VALUE!	284.8821951
5439000	4/21/1929	534	534	1.62	870.65	196	1.2226%	Zinc	--	µg/L	60.7	28.3	#VALUE!	284.8821951
5439000	4/22/1929	534	534	1.62	870.65	196	1.2226%	Zinc	--	µg/L	60.7	28.3	#VALUE!	284.8821951
5439000	3/7/1994	534	534	1.62	870.65	196	1.2226%	Zinc	--	µg/L	60.7	28.3	#VALUE!	284.8821951
5439000	5/28/1995	534	534	1.62	870.65	196	1.2226%	Zinc	--	µg/L	60.7	28.3	#VALUE!	284.8821951
5439000	6/1/1989	532	532	1.62	867.41	201	1.2538%	Zinc	--	µg/L	60.7	28.3	#VALUE!	283.8239465
5439000	2/1/1988	531	531	1.62	865.80	202	1.2601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	283.2948223
5439000	12/2/1985	528	528	1.62	860.94	203	1.2663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	281.7074494
5439000	1/20/1988	524	524	1.62	854.48	204	1.2725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	279.5909523
5439000	3/16/2014	524	524	1.62	854.48	204	1.2725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	279.5909523
5439000	11/14/1926	523	523	1.62	852.86	206	1.2850%	Zinc	--	µg/L	60.7	28.3	#VALUE!	279.061828
5439000	6/2/1996	522	522	1.62	851.24	207	1.2912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	278.5327037
5439000	4/21/2013	520	520	1.62	848.01	208	1.2975%	Zinc	--	µg/L	60.7	28.3	#VALUE!	277.4744552
5439000	11/17/1928	518	518	1.62	844.77	209	1.3037%	Zinc	--	µg/L	60.7	28.3	#VALUE!	276.4162066
5439000	6/14/1929	518	518	1.62	844.77	209	1.3037%	Zinc	--	µg/L	60.7	28.3	#VALUE!	276.4162066
5439000	3/10/1990	515	515	1.62	839.92	211	1.3162%	Zinc	--	µg/L	60.7	28.3	#VALUE!	274.8288338
5439000	7/22/1982	514	514	1.62	838.31	212	1.3224%	Zinc	--	µg/L	60.7	28.3	#VALUE!	274.2997095
5439000	2/27/1997	513	513	1.62	836.69	213	1.3287%	Zinc	--	µg/L	60.7	28.3	#VALUE!	273.7705852
5439000	3/11/2010	511	511	1.62	833.45	214	1.3349%	Zinc	--	µg/L	60.7	28.3	#VALUE!	272.7123367
5439000	2/5/1986	510	510	1.62	831.84	215	1.3412%	Zinc	--	µg/L	60.7	28.3	#VALUE!	272.1832124
5439000	5/30/2004	510	510	1.62	831.84	215	1.3412%	Zinc	--	µg/L	60.7	28.3	#VALUE!	272.1832124
5439000	1/5/1993	509	509	1.62	830.22	217	1.3536%	Zinc	--	µg/L	60.7	28.3	#VALUE!	271.6540881

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/10/2007	509	509	1.62	830.22	217	1.3536%	Zinc	--	µg/L	60.7	28.3	#VALUE!	271.6540881
5439000	11/16/1926	508	508	1.62	828.60	219	1.3661%	Zinc	--	µg/L	60.7	28.3	#VALUE!	271.1249638
5439000	2/27/1985	507	507	1.62	826.99	220	1.3723%	Zinc	--	µg/L	60.7	28.3	#VALUE!	270.5958396
5439000	4/24/1999	507	507	1.62	826.99	220	1.3723%	Zinc	--	µg/L	60.7	28.3	#VALUE!	270.5958396
5439000	6/19/2015	506	506	1.62	825.37	222	1.3848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	270.0667153
5439000	12/31/2008	504	504	1.62	822.13	223	1.3911%	Zinc	--	µg/L	60.7	28.3	#VALUE!	269.0084667
5439000	3/18/1991	502	502	1.62	818.90	224	1.3973%	Zinc	--	µg/L	60.7	28.3	#VALUE!	267.9502182
5439000	8/18/1980	501	501	1.62	817.28	225	1.4035%	Zinc	--	µg/L	60.7	28.3	#VALUE!	267.4210939
5439000	2/11/2001	500	500	1.62	815.67	226	1.4098%	Zinc	--	µg/L	60.7	28.3	#VALUE!	266.8919696
5439000	5/12/2008	499	499	1.62	814.05	227	1.4160%	Zinc	--	µg/L	60.7	28.3	#VALUE!	266.3628453
5439000	9/18/2008	499	499	1.62	814.05	227	1.4160%	Zinc	--	µg/L	60.7	28.3	#VALUE!	266.3628453
5439000	4/7/1988	498	498	1.62	812.43	229	1.4285%	Zinc	--	µg/L	60.7	28.3	#VALUE!	265.833721
5439000	5/9/1998	498	498	1.62	812.43	229	1.4285%	Zinc	--	µg/L	60.7	28.3	#VALUE!	265.833721
5439000	8/20/2007	495	495	1.62	807.58	231	1.4410%	Zinc	--	µg/L	60.7	28.3	#VALUE!	264.2463482
5439000	10/30/2009	491	491	1.62	801.11	232	1.4472%	Zinc	--	µg/L	60.7	28.3	#VALUE!	262.1298511
5439000	9/13/1980	489	489	1.62	797.88	233	1.4534%	Zinc	--	µg/L	60.7	28.3	#VALUE!	261.0716025
5439000	3/11/1986	489	489	1.62	797.88	233	1.4534%	Zinc	--	µg/L	60.7	28.3	#VALUE!	261.0716025
5439000	8/30/1987	489	489	1.62	797.88	233	1.4534%	Zinc	--	µg/L	60.7	28.3	#VALUE!	261.0716025
5439000	7/13/2008	488	488	1.62	796.26	236	1.4721%	Zinc	--	µg/L	60.7	28.3	#VALUE!	260.5424783
5439000	3/12/2010	488	488	1.62	796.26	236	1.4721%	Zinc	--	µg/L	60.7	28.3	#VALUE!	260.5424783
5439000	3/16/1929	487	487	1.62	794.64	238	1.4846%	Zinc	--	µg/L	60.7	28.3	#VALUE!	260.013354
5439000	4/20/1929	487	487	1.62	794.64	238	1.4846%	Zinc	--	µg/L	60.7	28.3	#VALUE!	260.013354
5439000	3/2/1997	486	486	1.62	793.03	240	1.4971%	Zinc	--	µg/L	60.7	28.3	#VALUE!	259.4842297
5439000	12/27/2009	486	486	1.62	793.03	240	1.4971%	Zinc	--	µg/L	60.7	28.3	#VALUE!	259.4842297
5439000	6/26/1994	482	482	1.62	786.56	242	1.5096%	Zinc	--	µg/L	60.7	28.3	#VALUE!	257.3677326
5439000	4/12/2008	482	482	1.62	786.56	242	1.5096%	Zinc	--	µg/L	60.7	28.3	#VALUE!	257.3677326
5439000	2/24/1985	480	480	1.62	783.32	244	1.5221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	256.309484
5439000	8/17/1980	476	476	1.62	776.86	245	1.5283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	254.1929869
5439000	3/6/1985	476	476	1.62	776.86	245	1.5283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	254.1929869
5439000	3/9/1990	476	476	1.62	776.86	245	1.5283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	254.1929869
5439000	6/10/1993	474	474	1.62	773.62	248	1.5470%	Zinc	--	µg/L	60.7	28.3	#VALUE!	253.1347383

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/15/2010	474	474	1.62	773.62	248	1.5470%	Zinc	--	µg/L	60.7	28.3	#VALUE!	253.1347383
5439000	3/5/1929	472	472	1.62	770.39	250	1.5595%	Zinc	--	µg/L	60.7	28.3	#VALUE!	252.0764898
5439000	1/14/1995	470	470	1.62	767.15	251	1.5657%	Zinc	--	µg/L	60.7	28.3	#VALUE!	251.0182412
5439000	4/15/1993	469	469	1.62	765.54	252	1.5720%	Zinc	--	µg/L	60.7	28.3	#VALUE!	250.4891169
5439000	6/24/1996	468	468	1.62	763.92	253	1.5782%	Zinc	--	µg/L	60.7	28.3	#VALUE!	249.9599927
5439000	5/23/1995	467	467	1.62	762.30	254	1.5844%	Zinc	--	µg/L	60.7	28.3	#VALUE!	249.4308684
5439000	9/12/1980	465	465	1.62	759.07	255	1.5907%	Zinc	--	µg/L	60.7	28.3	#VALUE!	248.3726198
5439000	7/12/2008	465	465	1.62	759.07	255	1.5907%	Zinc	--	µg/L	60.7	28.3	#VALUE!	248.3726198
5439000	3/1/1926	464	464	1.62	757.45	257	1.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	247.8434956
5439000	4/20/1927	464	464	1.62	757.45	257	1.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	247.8434956
5439000	7/4/1928	464	464	1.62	757.45	257	1.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	247.8434956
5439000	3/14/2014	463	463	1.62	755.83	260	1.6219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	247.3143713
5439000	2/28/1997	462	462	1.62	754.22	261	1.6281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	246.785247
5439000	6/15/1993	458	458	1.62	747.75	262	1.6343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	244.6687499
5439000	4/25/1929	457	457	1.62	746.13	263	1.6406%	Zinc	--	µg/L	60.7	28.3	#VALUE!	244.1396256
5439000	11/2/1985	457	457	1.62	746.13	263	1.6406%	Zinc	--	µg/L	60.7	28.3	#VALUE!	244.1396256
5439000	5/12/2003	457	457	1.62	746.13	263	1.6406%	Zinc	--	µg/L	60.7	28.3	#VALUE!	244.1396256
5439000	4/2/1993	456	456	1.62	744.51	266	1.6593%	Zinc	--	µg/L	60.7	28.3	#VALUE!	243.6105013
5439000	5/31/1996	456	456	1.62	744.51	266	1.6593%	Zinc	--	µg/L	60.7	28.3	#VALUE!	243.6105013
5439000	12/15/2011	452	452	1.62	738.05	268	1.6718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	241.4940042
5439000	7/7/1982	451	451	1.62	736.43	269	1.6780%	Zinc	--	µg/L	60.7	28.3	#VALUE!	240.9648799
5439000	4/5/1983	451	451	1.62	736.43	269	1.6780%	Zinc	--	µg/L	60.7	28.3	#VALUE!	240.9648799
5439000	4/19/1927	450	450	1.62	734.81	271	1.6905%	Zinc	--	µg/L	60.7	28.3	#VALUE!	240.4357556
5439000	7/5/1928	450	450	1.62	734.81	271	1.6905%	Zinc	--	µg/L	60.7	28.3	#VALUE!	240.4357556
5439000	2/4/1986	450	450	1.62	734.81	271	1.6905%	Zinc	--	µg/L	60.7	28.3	#VALUE!	240.4357556
5439000	4/3/1982	449	449	1.62	733.19	274	1.7092%	Zinc	--	µg/L	60.7	28.3	#VALUE!	239.9066314
5439000	2/18/2008	448	448	1.62	731.58	275	1.7154%	Zinc	--	µg/L	60.7	28.3	#VALUE!	239.3775071
5439000	8/4/1989	447	447	1.62	729.96	276	1.7217%	Zinc	--	µg/L	60.7	28.3	#VALUE!	238.8483828
5439000	4/1/2009	447	447	1.62	729.96	276	1.7217%	Zinc	--	µg/L	60.7	28.3	#VALUE!	238.8483828
5439000	5/20/1986	446	446	1.62	728.34	278	1.7341%	Zinc	--	µg/L	60.7	28.3	#VALUE!	238.3192585
5439000	12/31/1992	446	446	1.62	728.34	278	1.7341%	Zinc	--	µg/L	60.7	28.3	#VALUE!	238.3192585

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5439000	7/31/1989	445	445	1.62	726.73	280	1.7466%	Zinc	--	µg/L	60.7	28.3	#VALUE!	237.7901342
5439000	3/17/1929	442	442	1.62	721.87	281	1.7529%	Zinc	--	µg/L	60.7	28.3	#VALUE!	236.2027614
5439000	3/13/2015	440	440	1.62	718.64	282	1.7591%	Zinc	--	µg/L	60.7	28.3	#VALUE!	235.1445129
5439000	12/7/1982	438	438	1.62	715.41	283	1.7653%	Zinc	--	µg/L	60.7	28.3	#VALUE!	234.0862643
5439000	2/6/1927	436	436	1.62	712.17	284	1.7716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	233.0280157
5439000	5/25/1991	436	436	1.62	712.17	284	1.7716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	233.0280157
5439000	3/26/1993	436	436	1.62	712.17	284	1.7716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	233.0280157
5439000	3/13/2010	436	436	1.62	712.17	284	1.7716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	233.0280157
5439000	9/17/1980	434	434	1.62	708.94	288	1.7965%	Zinc	--	µg/L	60.7	28.3	#VALUE!	231.9697672
5439000	6/7/2002	434	434	1.62	708.94	288	1.7965%	Zinc	--	µg/L	60.7	28.3	#VALUE!	231.9697672
5439000	6/23/2013	434	434	1.62	708.94	288	1.7965%	Zinc	--	µg/L	60.7	28.3	#VALUE!	231.9697672
5439000	5/24/1983	433	433	1.62	707.32	291	1.8152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	231.4406429
5439000	3/13/1990	433	433	1.62	707.32	291	1.8152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	231.4406429
5439000	2/8/2009	433	433	1.62	707.32	291	1.8152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	231.4406429
5439000	8/5/1989	431	431	1.62	704.09	294	1.8339%	Zinc	--	µg/L	60.7	28.3	#VALUE!	230.3823943
5439000	6/20/2014	431	431	1.62	704.09	294	1.8339%	Zinc	--	µg/L	60.7	28.3	#VALUE!	230.3823943
5439000	5/15/2004	428	428	1.62	699.24	296	1.8464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	228.7950215
5439000	3/6/1929	427	427	1.62	697.62	297	1.8527%	Zinc	--	µg/L	60.7	28.3	#VALUE!	228.2658972
5439000	7/6/1983	427	427	1.62	697.62	297	1.8527%	Zinc	--	µg/L	60.7	28.3	#VALUE!	228.2658972
5439000	4/20/1993	427	427	1.62	697.62	297	1.8527%	Zinc	--	µg/L	60.7	28.3	#VALUE!	228.2658972
5439000	8/21/2007	426	426	1.62	696.00	300	1.8714%	Zinc	--	µg/L	60.7	28.3	#VALUE!	227.7367729
5439000	3/13/2008	426	426	1.62	696.00	300	1.8714%	Zinc	--	µg/L	60.7	28.3	#VALUE!	227.7367729
5439000	5/26/2011	426	426	1.62	696.00	300	1.8714%	Zinc	--	µg/L	60.7	28.3	#VALUE!	227.7367729
5439000	1/25/1999	424	424	1.62	692.77	303	1.8901%	Zinc	--	µg/L	60.7	28.3	#VALUE!	226.6785244
5439000	4/10/1983	423	423	1.62	691.15	304	1.8963%	Zinc	--	µg/L	60.7	28.3	#VALUE!	226.1494001
5439000	2/18/1926	422	422	1.62	689.53	305	1.9026%	Zinc	--	µg/L	60.7	28.3	#VALUE!	225.6202758
5439000	4/6/1928	422	422	1.62	689.53	305	1.9026%	Zinc	--	µg/L	60.7	28.3	#VALUE!	225.6202758
5439000	1/25/2010	422	422	1.62	689.53	305	1.9026%	Zinc	--	µg/L	60.7	28.3	#VALUE!	225.6202758
5439000	5/25/1995	421	421	1.62	687.92	308	1.9213%	Zinc	--	µg/L	60.7	28.3	#VALUE!	225.0911515
5439000	4/9/1993	420	420	1.62	686.30	309	1.9275%	Zinc	--	µg/L	60.7	28.3	#VALUE!	224.5620273
5439000	5/24/2004	420	420	1.62	686.30	309	1.9275%	Zinc	--	µg/L	60.7	28.3	#VALUE!	224.5620273

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5439000	6/22/2014	420	420	1.62	686.30	309	1.9275%	Zinc	--	µg/L	60.7	28.3	#VALUE!	224.5620273
5439000	3/11/2007	419	419	1.62	684.68	312	1.9462%	Zinc	--	µg/L	60.7	28.3	#VALUE!	224.032903
5439000	3/31/2009	419	419	1.62	684.68	312	1.9462%	Zinc	--	µg/L	60.7	28.3	#VALUE!	224.032903
5439000	6/25/2013	419	419	1.62	684.68	312	1.9462%	Zinc	--	µg/L	60.7	28.3	#VALUE!	224.032903
5439000	11/21/1985	418	418	1.62	683.06	315	1.9649%	Zinc	--	µg/L	60.7	28.3	#VALUE!	223.5037787
5439000	3/14/1990	418	418	1.62	683.06	315	1.9649%	Zinc	--	µg/L	60.7	28.3	#VALUE!	223.5037787
5439000	5/10/1990	418	418	1.62	683.06	315	1.9649%	Zinc	--	µg/L	60.7	28.3	#VALUE!	223.5037787
5439000	7/29/1996	418	418	1.62	683.06	315	1.9649%	Zinc	--	µg/L	60.7	28.3	#VALUE!	223.5037787
5439000	6/8/2009	418	418	1.62	683.06	315	1.9649%	Zinc	--	µg/L	60.7	28.3	#VALUE!	223.5037787
5439000	5/28/1991	416	416	1.62	679.83	320	1.9961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	222.4455302
5439000	6/14/2015	416	416	1.62	679.83	320	1.9961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	222.4455302
5439000	8/29/2007	415	415	1.62	678.21	322	2.0086%	Zinc	--	µg/L	60.7	28.3	#VALUE!	221.9164059
5439000	11/20/1928	413	413	1.62	674.98	323	2.0148%	Zinc	--	µg/L	60.7	28.3	#VALUE!	220.8581573
5439000	12/2/1982	413	413	1.62	674.98	323	2.0148%	Zinc	--	µg/L	60.7	28.3	#VALUE!	220.8581573
5439000	6/12/1998	413	413	1.62	674.98	323	2.0148%	Zinc	--	µg/L	60.7	28.3	#VALUE!	220.8581573
5439000	3/20/1982	411	411	1.62	671.74	326	2.0336%	Zinc	--	µg/L	60.7	28.3	#VALUE!	219.7999088
5439000	11/11/1995	411	411	1.62	671.74	326	2.0336%	Zinc	--	µg/L	60.7	28.3	#VALUE!	219.7999088
5439000	10/18/1998	411	411	1.62	671.74	326	2.0336%	Zinc	--	µg/L	60.7	28.3	#VALUE!	219.7999088
5439000	5/11/2008	411	411	1.62	671.74	326	2.0336%	Zinc	--	µg/L	60.7	28.3	#VALUE!	219.7999088
5439000	3/10/2010	410	410	1.62	670.13	330	2.0585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	219.2707845
5439000	4/9/1926	408	408	1.62	666.89	331	2.0647%	Zinc	--	µg/L	60.7	28.3	#VALUE!	218.2125359
5439000	6/13/1926	408	408	1.62	666.89	331	2.0647%	Zinc	--	µg/L	60.7	28.3	#VALUE!	218.2125359
5439000	10/7/1927	408	408	1.62	666.89	331	2.0647%	Zinc	--	µg/L	60.7	28.3	#VALUE!	218.2125359
5439000	4/7/1928	408	408	1.62	666.89	331	2.0647%	Zinc	--	µg/L	60.7	28.3	#VALUE!	218.2125359
5439000	3/6/1993	408	408	1.62	666.89	331	2.0647%	Zinc	--	µg/L	60.7	28.3	#VALUE!	218.2125359
5439000	3/31/1993	408	408	1.62	666.89	331	2.0647%	Zinc	--	µg/L	60.7	28.3	#VALUE!	218.2125359
5439000	6/26/2013	408	408	1.62	666.89	331	2.0647%	Zinc	--	µg/L	60.7	28.3	#VALUE!	218.2125359
5439000	3/27/1991	407	407	1.62	665.28	338	2.1084%	Zinc	--	µg/L	60.7	28.3	#VALUE!	217.6834116
5439000	11/7/1994	407	407	1.62	665.28	338	2.1084%	Zinc	--	µg/L	60.7	28.3	#VALUE!	217.6834116
5439000	5/5/2015	407	407	1.62	665.28	338	2.1084%	Zinc	--	µg/L	60.7	28.3	#VALUE!	217.6834116
5439000	3/27/1932	406	406	1.62	663.66	341	2.1271%	Zinc	--	µg/L	60.7	28.3	#VALUE!	217.1542874

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/9/1983	406	406	1.62	663.66	341	2.1271%	Zinc	--	µg/L	60.7	28.3	#VALUE!	217.1542874
5439000	6/3/1996	406	406	1.62	663.66	341	2.1271%	Zinc	--	µg/L	60.7	28.3	#VALUE!	217.1542874
5439000	6/7/1996	406	406	1.62	663.66	341	2.1271%	Zinc	--	µg/L	60.7	28.3	#VALUE!	217.1542874
5439000	7/20/1993	405	405	1.62	662.04	345	2.1521%	Zinc	--	µg/L	60.7	28.3	#VALUE!	216.6251631
5439000	6/3/1995	404	404	1.62	660.43	346	2.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	216.0960388
5439000	7/22/1996	404	404	1.62	660.43	346	2.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	216.0960388
5439000	9/14/1980	403	403	1.62	658.81	348	2.1708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	215.5669145
5439000	6/12/1987	403	403	1.62	658.81	348	2.1708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	215.5669145
5439000	4/15/1991	403	403	1.62	658.81	348	2.1708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	215.5669145
5439000	3/25/2009	403	403	1.62	658.81	348	2.1708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	215.5669145
5439000	1/21/1988	400	400	1.62	653.96	352	2.1957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	213.9795417
5439000	7/18/1993	400	400	1.62	653.96	352	2.1957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	213.9795417
5439000	2/24/2000	400	400	1.62	653.96	352	2.1957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	213.9795417
5439000	4/21/2000	400	400	1.62	653.96	352	2.1957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	213.9795417
5439000	1/8/2008	400	400	1.62	653.96	352	2.1957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	213.9795417
5439000	2/18/2011	400	400	1.62	653.96	352	2.1957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	213.9795417
5439000	6/22/2013	400	400	1.62	653.96	352	2.1957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	213.9795417
5439000	6/15/1929	399	399	1.62	652.34	359	2.2394%	Zinc	--	µg/L	60.7	28.3	#VALUE!	213.4504174
5439000	12/1/1985	399	399	1.62	652.34	359	2.2394%	Zinc	--	µg/L	60.7	28.3	#VALUE!	213.4504174
5439000	2/10/2009	397	397	1.62	649.11	361	2.2519%	Zinc	--	µg/L	60.7	28.3	#VALUE!	212.3921688
5439000	3/5/1993	396	396	1.62	647.49	362	2.2581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	211.8630446
5439000	4/3/1993	396	396	1.62	647.49	362	2.2581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	211.8630446
5439000	4/6/1983	395	395	1.62	645.87	364	2.2706%	Zinc	--	µg/L	60.7	28.3	#VALUE!	211.3339203
5439000	2/26/1926	394	394	1.62	644.25	365	2.2768%	Zinc	--	µg/L	60.7	28.3	#VALUE!	210.804796
5439000	11/17/1926	394	394	1.62	644.25	365	2.2768%	Zinc	--	µg/L	60.7	28.3	#VALUE!	210.804796
5439000	12/9/1987	394	394	1.62	644.25	365	2.2768%	Zinc	--	µg/L	60.7	28.3	#VALUE!	210.804796
5439000	4/17/1998	394	394	1.62	644.25	365	2.2768%	Zinc	--	µg/L	60.7	28.3	#VALUE!	210.804796
5439000	3/6/1994	392	392	1.62	641.02	369	2.3018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	209.7465475
5439000	7/3/2014	392	392	1.62	641.02	369	2.3018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	209.7465475
5439000	12/23/2007	391	391	1.62	639.40	371	2.3143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	209.2174232
5439000	5/10/1995	390	390	1.62	637.79	372	2.3205%	Zinc	--	µg/L	60.7	28.3	#VALUE!	208.6882989

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/9/2003	390	390	1.62	637.79	372	2.3205%	Zinc	--	µg/L	60.7	28.3	#VALUE!	208.6882989
5439000	3/15/1990	389	389	1.62	636.17	374	2.3330%	Zinc	--	µg/L	60.7	28.3	#VALUE!	208.1591746
5439000	1/22/1999	389	389	1.62	636.17	374	2.3330%	Zinc	--	µg/L	60.7	28.3	#VALUE!	208.1591746
5439000	8/19/1980	388	388	1.62	634.55	376	2.3455%	Zinc	--	µg/L	60.7	28.3	#VALUE!	207.6300503
5439000	11/1/2009	388	388	1.62	634.55	376	2.3455%	Zinc	--	µg/L	60.7	28.3	#VALUE!	207.6300503
5439000	3/14/2010	388	388	1.62	634.55	376	2.3455%	Zinc	--	µg/L	60.7	28.3	#VALUE!	207.6300503
5439000	2/12/2009	387	387	1.62	632.93	379	2.3642%	Zinc	--	µg/L	60.7	28.3	#VALUE!	207.1009261
5439000	4/18/1993	386	386	1.62	631.32	380	2.3704%	Zinc	--	µg/L	60.7	28.3	#VALUE!	206.5718018
5439000	5/12/1999	386	386	1.62	631.32	380	2.3704%	Zinc	--	µg/L	60.7	28.3	#VALUE!	206.5718018
5439000	3/22/2007	386	386	1.62	631.32	380	2.3704%	Zinc	--	µg/L	60.7	28.3	#VALUE!	206.5718018
5439000	4/10/2008	386	386	1.62	631.32	380	2.3704%	Zinc	--	µg/L	60.7	28.3	#VALUE!	206.5718018
5439000	4/2/1929	385	385	1.62	629.70	384	2.3954%	Zinc	--	µg/L	60.7	28.3	#VALUE!	206.0426775
5439000	5/6/2015	385	385	1.62	629.70	384	2.3954%	Zinc	--	µg/L	60.7	28.3	#VALUE!	206.0426775
5439000	6/1/2011	383	383	1.62	626.47	386	2.4078%	Zinc	--	µg/L	60.7	28.3	#VALUE!	204.9844289
5439000	3/28/1983	382	382	1.62	624.85	387	2.4141%	Zinc	--	µg/L	60.7	28.3	#VALUE!	204.4553047
5439000	6/19/1996	382	382	1.62	624.85	387	2.4141%	Zinc	--	µg/L	60.7	28.3	#VALUE!	204.4553047
5439000	6/24/2013	382	382	1.62	624.85	387	2.4141%	Zinc	--	µg/L	60.7	28.3	#VALUE!	204.4553047
5439000	4/10/1926	380	380	1.62	621.62	390	2.4328%	Zinc	--	µg/L	60.7	28.3	#VALUE!	203.3970561
5439000	9/24/1926	380	380	1.62	621.62	390	2.4328%	Zinc	--	µg/L	60.7	28.3	#VALUE!	203.3970561
5439000	9/25/1926	380	380	1.62	621.62	390	2.4328%	Zinc	--	µg/L	60.7	28.3	#VALUE!	203.3970561
5439000	10/5/1926	380	380	1.62	621.62	390	2.4328%	Zinc	--	µg/L	60.7	28.3	#VALUE!	203.3970561
5439000	3/19/1991	379	379	1.62	620.00	394	2.4577%	Zinc	--	µg/L	60.7	28.3	#VALUE!	202.8679318
5439000	8/9/2007	379	379	1.62	620.00	394	2.4577%	Zinc	--	µg/L	60.7	28.3	#VALUE!	202.8679318
5439000	2/28/1985	378	378	1.62	618.38	396	2.4702%	Zinc	--	µg/L	60.7	28.3	#VALUE!	202.3388075
5439000	6/2/1989	378	378	1.62	618.38	396	2.4702%	Zinc	--	µg/L	60.7	28.3	#VALUE!	202.3388075
5439000	2/24/1997	378	378	1.62	618.38	396	2.4702%	Zinc	--	µg/L	60.7	28.3	#VALUE!	202.3388075
5439000	1/7/2008	377	377	1.62	616.76	399	2.4889%	Zinc	--	µg/L	60.7	28.3	#VALUE!	201.8096833
5439000	1/9/2008	377	377	1.62	616.76	399	2.4889%	Zinc	--	µg/L	60.7	28.3	#VALUE!	201.8096833
5439000	9/27/1993	376	376	1.62	615.15	401	2.5014%	Zinc	--	µg/L	60.7	28.3	#VALUE!	201.280559
5439000	9/18/1980	375	375	1.62	613.53	402	2.5076%	Zinc	--	µg/L	60.7	28.3	#VALUE!	200.7514347
5439000	6/1/1996	375	375	1.62	613.53	402	2.5076%	Zinc	--	µg/L	60.7	28.3	#VALUE!	200.7514347

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/16/1984	374	374	1.62	611.91	404	2.5201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	200.2223104
5439000	11/29/1990	374	374	1.62	611.91	404	2.5201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	200.2223104
5439000	3/28/1991	373	373	1.62	610.30	406	2.5326%	Zinc	--	µg/L	60.7	28.3	#VALUE!	199.6931861
5439000	12/17/1992	372	372	1.62	608.68	407	2.5388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	199.1640619
5439000	2/27/2001	372	372	1.62	608.68	407	2.5388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	199.1640619
5439000	4/20/2011	372	372	1.62	608.68	407	2.5388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	199.1640619
5439000	6/21/2014	372	372	1.62	608.68	407	2.5388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	199.1640619
5439000	3/14/1929	371	371	1.62	607.06	411	2.5638%	Zinc	--	µg/L	60.7	28.3	#VALUE!	198.6349376
5439000	3/18/1929	371	371	1.62	607.06	411	2.5638%	Zinc	--	µg/L	60.7	28.3	#VALUE!	198.6349376
5439000	4/20/2000	371	371	1.62	607.06	411	2.5638%	Zinc	--	µg/L	60.7	28.3	#VALUE!	198.6349376
5439000	7/21/2007	371	371	1.62	607.06	411	2.5638%	Zinc	--	µg/L	60.7	28.3	#VALUE!	198.6349376
5439000	2/11/2009	370	370	1.62	605.44	415	2.5887%	Zinc	--	µg/L	60.7	28.3	#VALUE!	198.1058133
5439000	5/14/2004	369	369	1.62	603.83	416	2.5950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	197.576689
5439000	4/22/2013	369	369	1.62	603.83	416	2.5950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	197.576689
5439000	6/27/2013	369	369	1.62	603.83	416	2.5950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	197.576689
5439000	4/29/1927	367	367	1.62	600.59	419	2.6137%	Zinc	--	µg/L	60.7	28.3	#VALUE!	196.5184405
5439000	3/3/1929	367	367	1.62	600.59	419	2.6137%	Zinc	--	µg/L	60.7	28.3	#VALUE!	196.5184405
5439000	4/17/1930	367	367	1.62	600.59	419	2.6137%	Zinc	--	µg/L	60.7	28.3	#VALUE!	196.5184405
5439000	3/28/1932	367	367	1.62	600.59	419	2.6137%	Zinc	--	µg/L	60.7	28.3	#VALUE!	196.5184405
5439000	7/11/1986	367	367	1.62	600.59	419	2.6137%	Zinc	--	µg/L	60.7	28.3	#VALUE!	196.5184405
5439000	3/30/2009	366	366	1.62	598.98	424	2.6449%	Zinc	--	µg/L	60.7	28.3	#VALUE!	195.9893162
5439000	5/1/2009	366	366	1.62	598.98	424	2.6449%	Zinc	--	µg/L	60.7	28.3	#VALUE!	195.9893162
5439000	4/21/1998	364	364	1.62	595.74	426	2.6574%	Zinc	--	µg/L	60.7	28.3	#VALUE!	194.9310676
5439000	6/12/2011	364	364	1.62	595.74	426	2.6574%	Zinc	--	µg/L	60.7	28.3	#VALUE!	194.9310676
5439000	7/8/1982	363	363	1.62	594.12	428	2.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	194.4019434
5439000	7/24/1982	363	363	1.62	594.12	428	2.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	194.4019434
5439000	4/1/2008	362	362	1.62	592.51	430	2.6823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	193.8728191
5439000	8/8/1996	360	360	1.62	589.27	431	2.6885%	Zinc	--	µg/L	60.7	28.3	#VALUE!	192.8145705
5439000	5/14/2002	360	360	1.62	589.27	431	2.6885%	Zinc	--	µg/L	60.7	28.3	#VALUE!	192.8145705
5439000	9/19/2008	359	359	1.62	587.66	433	2.7010%	Zinc	--	µg/L	60.7	28.3	#VALUE!	192.2854462
5439000	7/1/2013	359	359	1.62	587.66	433	2.7010%	Zinc	--	µg/L	60.7	28.3	#VALUE!	192.2854462

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5439000	6/15/1999	358	358	1.62	586.04	435	2.7135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	191.756322
5439000	4/13/2008	358	358	1.62	586.04	435	2.7135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	191.756322
5439000	3/17/2014	358	358	1.62	586.04	435	2.7135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	191.756322
5439000	2/22/1994	357	357	1.62	584.42	438	2.7322%	Zinc	--	µg/L	60.7	28.3	#VALUE!	191.2271977
5439000	3/14/2008	357	357	1.62	584.42	438	2.7322%	Zinc	--	µg/L	60.7	28.3	#VALUE!	191.2271977
5439000	3/7/1993	356	356	1.62	582.80	440	2.7447%	Zinc	--	µg/L	60.7	28.3	#VALUE!	190.6980734
5439000	1/15/1995	356	356	1.62	582.80	440	2.7447%	Zinc	--	µg/L	60.7	28.3	#VALUE!	190.6980734
5439000	5/29/1995	356	356	1.62	582.80	440	2.7447%	Zinc	--	µg/L	60.7	28.3	#VALUE!	190.6980734
5439000	3/3/2007	355	355	1.62	581.19	443	2.7634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	190.1689491
5439000	4/27/2007	355	355	1.62	581.19	443	2.7634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	190.1689491
5439000	1/1/2009	355	355	1.62	581.19	443	2.7634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	190.1689491
5439000	3/12/2009	355	355	1.62	581.19	443	2.7634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	190.1689491
5439000	12/28/2009	355	355	1.62	581.19	443	2.7634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	190.1689491
5439000	2/28/1926	354	354	1.62	579.57	448	2.7946%	Zinc	--	µg/L	60.7	28.3	#VALUE!	189.6398248
5439000	6/11/1926	354	354	1.62	579.57	448	2.7946%	Zinc	--	µg/L	60.7	28.3	#VALUE!	189.6398248
5439000	5/27/1927	354	354	1.62	579.57	448	2.7946%	Zinc	--	µg/L	60.7	28.3	#VALUE!	189.6398248
5439000	4/8/1928	354	354	1.62	579.57	448	2.7946%	Zinc	--	µg/L	60.7	28.3	#VALUE!	189.6398248
5439000	7/20/1928	354	354	1.62	579.57	448	2.7946%	Zinc	--	µg/L	60.7	28.3	#VALUE!	189.6398248
5439000	12/8/1982	354	354	1.62	579.57	448	2.7946%	Zinc	--	µg/L	60.7	28.3	#VALUE!	189.6398248
5439000	6/19/1993	353	353	1.62	577.95	454	2.8320%	Zinc	--	µg/L	60.7	28.3	#VALUE!	189.1107006
5439000	7/10/2007	352	352	1.62	576.34	455	2.8383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	188.5815763
5439000	2/28/2009	352	352	1.62	576.34	455	2.8383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	188.5815763
5439000	6/9/2009	352	352	1.62	576.34	455	2.8383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	188.5815763
5439000	3/27/1993	351	351	1.62	574.72	458	2.8570%	Zinc	--	µg/L	60.7	28.3	#VALUE!	188.052452
5439000	4/21/1993	351	351	1.62	574.72	458	2.8570%	Zinc	--	µg/L	60.7	28.3	#VALUE!	188.052452
5439000	5/27/2011	351	351	1.62	574.72	458	2.8570%	Zinc	--	µg/L	60.7	28.3	#VALUE!	188.052452
5439000	3/14/2013	351	351	1.62	574.72	458	2.8570%	Zinc	--	µg/L	60.7	28.3	#VALUE!	188.052452
5439000	7/1/1983	350	350	1.62	573.10	462	2.8819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	187.5233277
5439000	5/7/1998	350	350	1.62	573.10	462	2.8819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	187.5233277
5439000	2/19/2011	350	350	1.62	573.10	462	2.8819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	187.5233277
5439000	1/30/1988	348	348	1.62	569.87	465	2.9006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	186.4650792

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5439000	3/5/2011	348	348	1.62	569.87	465	2.9006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	186.4650792
5439000	11/3/1985	347	347	1.62	568.25	467	2.9131%	Zinc	--	µg/L	60.7	28.3	#VALUE!	185.9359549
5439000	4/12/1995	347	347	1.62	568.25	467	2.9131%	Zinc	--	µg/L	60.7	28.3	#VALUE!	185.9359549
5439000	6/17/1981	346	346	1.62	566.63	469	2.9256%	Zinc	--	µg/L	60.7	28.3	#VALUE!	185.4068306
5439000	11/29/1987	346	346	1.62	566.63	469	2.9256%	Zinc	--	µg/L	60.7	28.3	#VALUE!	185.4068306
5439000	12/25/1987	346	346	1.62	566.63	469	2.9256%	Zinc	--	µg/L	60.7	28.3	#VALUE!	185.4068306
5439000	2/9/2009	346	346	1.62	566.63	469	2.9256%	Zinc	--	µg/L	60.7	28.3	#VALUE!	185.4068306
5439000	2/25/2000	345	345	1.62	565.02	473	2.9505%	Zinc	--	µg/L	60.7	28.3	#VALUE!	184.8777063
5439000	6/16/2000	345	345	1.62	565.02	473	2.9505%	Zinc	--	µg/L	60.7	28.3	#VALUE!	184.8777063
5439000	4/3/1929	344	344	1.62	563.40	475	2.9630%	Zinc	--	µg/L	60.7	28.3	#VALUE!	184.3485821
5439000	4/26/1929	344	344	1.62	563.40	475	2.9630%	Zinc	--	µg/L	60.7	28.3	#VALUE!	184.3485821
5439000	11/10/1985	344	344	1.62	563.40	475	2.9630%	Zinc	--	µg/L	60.7	28.3	#VALUE!	184.3485821
5439000	4/16/1991	344	344	1.62	563.40	475	2.9630%	Zinc	--	µg/L	60.7	28.3	#VALUE!	184.3485821
5439000	11/23/1992	344	344	1.62	563.40	475	2.9630%	Zinc	--	µg/L	60.7	28.3	#VALUE!	184.3485821
5439000	4/8/1988	343	343	1.62	561.78	480	2.9942%	Zinc	--	µg/L	60.7	28.3	#VALUE!	183.8194578
5439000	4/4/1993	343	343	1.62	561.78	480	2.9942%	Zinc	--	µg/L	60.7	28.3	#VALUE!	183.8194578
5439000	6/21/2015	343	343	1.62	561.78	480	2.9942%	Zinc	--	µg/L	60.7	28.3	#VALUE!	183.8194578
5439000	7/24/2010	342	342	1.62	560.17	483	3.0129%	Zinc	--	µg/L	60.7	28.3	#VALUE!	183.2903335
5439000	6/17/1926	341	341	1.62	558.55	484	3.0192%	Zinc	--	µg/L	60.7	28.3	#VALUE!	182.7612092
5439000	11/18/1926	341	341	1.62	558.55	484	3.0192%	Zinc	--	µg/L	60.7	28.3	#VALUE!	182.7612092
5439000	4/21/1927	341	341	1.62	558.55	484	3.0192%	Zinc	--	µg/L	60.7	28.3	#VALUE!	182.7612092
5439000	7/9/1933	341	341	1.62	558.55	484	3.0192%	Zinc	--	µg/L	60.7	28.3	#VALUE!	182.7612092
5439000	12/8/1987	341	341	1.62	558.55	484	3.0192%	Zinc	--	µg/L	60.7	28.3	#VALUE!	182.7612092
5439000	4/9/2002	341	341	1.62	558.55	484	3.0192%	Zinc	--	µg/L	60.7	28.3	#VALUE!	182.7612092
5439000	8/30/2007	341	341	1.62	558.55	484	3.0192%	Zinc	--	µg/L	60.7	28.3	#VALUE!	182.7612092
5439000	8/31/1987	340	340	1.62	556.93	491	3.0628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	182.2320849
5439000	4/24/2013	340	340	1.62	556.93	491	3.0628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	182.2320849
5439000	5/17/1986	339	339	1.62	555.31	493	3.0753%	Zinc	--	µg/L	60.7	28.3	#VALUE!	181.7029607
5439000	6/3/2004	338	338	1.62	553.70	494	3.0815%	Zinc	--	µg/L	60.7	28.3	#VALUE!	181.1738364
5439000	4/19/1993	337	337	1.62	552.08	495	3.0878%	Zinc	--	µg/L	60.7	28.3	#VALUE!	180.6447121
5439000	3/16/1982	336	336	1.62	550.46	496	3.0940%	Zinc	--	µg/L	60.7	28.3	#VALUE!	180.1155878

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/7/1983	336	336	1.62	550.46	496	3.0940%	Zinc	--	µg/L	60.7	28.3	#VALUE!	180.1155878
5439000	3/12/2007	336	336	1.62	550.46	496	3.0940%	Zinc	--	µg/L	60.7	28.3	#VALUE!	180.1155878
5439000	5/9/1995	335	335	1.62	548.85	499	3.1127%	Zinc	--	µg/L	60.7	28.3	#VALUE!	179.5864635
5439000	6/20/2015	335	335	1.62	548.85	499	3.1127%	Zinc	--	µg/L	60.7	28.3	#VALUE!	179.5864635
5439000	3/12/2008	334	334	1.62	547.23	501	3.1252%	Zinc	--	µg/L	60.7	28.3	#VALUE!	179.0573393
5439000	5/11/1990	333	333	1.62	545.61	502	3.1314%	Zinc	--	µg/L	60.7	28.3	#VALUE!	178.528215
5439000	5/10/1998	333	333	1.62	545.61	502	3.1314%	Zinc	--	µg/L	60.7	28.3	#VALUE!	178.528215
5439000	5/10/2003	333	333	1.62	545.61	502	3.1314%	Zinc	--	µg/L	60.7	28.3	#VALUE!	178.528215
5439000	3/13/1929	331	331	1.62	542.38	505	3.1501%	Zinc	--	µg/L	60.7	28.3	#VALUE!	177.4699664
5439000	6/19/1929	331	331	1.62	542.38	505	3.1501%	Zinc	--	µg/L	60.7	28.3	#VALUE!	177.4699664
5439000	5/23/1987	331	331	1.62	542.38	505	3.1501%	Zinc	--	µg/L	60.7	28.3	#VALUE!	177.4699664
5439000	4/28/1999	331	331	1.62	542.38	505	3.1501%	Zinc	--	µg/L	60.7	28.3	#VALUE!	177.4699664
5439000	3/23/2007	331	331	1.62	542.38	505	3.1501%	Zinc	--	µg/L	60.7	28.3	#VALUE!	177.4699664
5439000	5/29/1984	330	330	1.62	540.76	510	3.1813%	Zinc	--	µg/L	60.7	28.3	#VALUE!	176.9408421
5439000	11/26/1992	329	329	1.62	539.14	511	3.1876%	Zinc	--	µg/L	60.7	28.3	#VALUE!	176.4117179
5439000	10/4/1926	328	328	1.62	537.53	512	3.1938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	175.8825936
5439000	2/3/1927	328	328	1.62	537.53	512	3.1938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	175.8825936
5439000	2/26/1930	328	328	1.62	537.53	512	3.1938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	175.8825936
5439000	5/9/1933	328	328	1.62	537.53	512	3.1938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	175.8825936
5439000	3/13/1982	328	328	1.62	537.53	512	3.1938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	175.8825936
5439000	4/4/1982	328	328	1.62	537.53	512	3.1938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	175.8825936
5439000	4/9/2008	328	328	1.62	537.53	512	3.1938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	175.8825936
5439000	8/22/2007	327	327	1.62	535.91	519	3.2375%	Zinc	--	µg/L	60.7	28.3	#VALUE!	175.3534693
5439000	5/30/1982	326	326	1.62	534.29	520	3.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	174.824345
5439000	3/1/1985	326	326	1.62	534.29	520	3.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	174.824345
5439000	5/21/1986	326	326	1.62	534.29	520	3.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	174.824345
5439000	4/29/1981	324	324	1.62	531.06	523	3.2624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	173.7660965
5439000	3/7/1985	323	323	1.62	529.44	524	3.2687%	Zinc	--	µg/L	60.7	28.3	#VALUE!	173.2369722
5439000	12/3/1985	322	322	1.62	527.82	525	3.2749%	Zinc	--	µg/L	60.7	28.3	#VALUE!	172.7078479
5439000	1/24/2010	322	322	1.62	527.82	525	3.2749%	Zinc	--	µg/L	60.7	28.3	#VALUE!	172.7078479
5439000	7/7/1983	321	321	1.62	526.21	527	3.2874%	Zinc	--	µg/L	60.7	28.3	#VALUE!	172.1787236

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/16/1999	321	321	1.62	526.21	527	3.2874%	Zinc	--	µg/L	60.7	28.3	#VALUE!	172.1787236
5439000	5/14/1999	321	321	1.62	526.21	527	3.2874%	Zinc	--	µg/L	60.7	28.3	#VALUE!	172.1787236
5439000	3/19/2014	321	321	1.62	526.21	527	3.2874%	Zinc	--	µg/L	60.7	28.3	#VALUE!	172.1787236
5439000	9/15/1980	320	320	1.62	524.59	531	3.3123%	Zinc	--	µg/L	60.7	28.3	#VALUE!	171.6495994
5439000	12/16/1992	320	320	1.62	524.59	531	3.3123%	Zinc	--	µg/L	60.7	28.3	#VALUE!	171.6495994
5439000	2/20/2011	320	320	1.62	524.59	531	3.3123%	Zinc	--	µg/L	60.7	28.3	#VALUE!	171.6495994
5439000	7/3/1982	319	319	1.62	522.97	534	3.3310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	171.1204751
5439000	5/27/1996	319	319	1.62	522.97	534	3.3310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	171.1204751
5439000	3/19/1998	319	319	1.62	522.97	534	3.3310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	171.1204751
5439000	4/26/2007	319	319	1.62	522.97	534	3.3310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	171.1204751
5439000	3/5/2008	319	319	1.62	522.97	534	3.3310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	171.1204751
5439000	11/21/1928	318	318	1.62	521.36	539	3.3622%	Zinc	--	µg/L	60.7	28.3	#VALUE!	170.5913508
5439000	3/15/1929	318	318	1.62	521.36	539	3.3622%	Zinc	--	µg/L	60.7	28.3	#VALUE!	170.5913508
5439000	6/21/1993	318	318	1.62	521.36	539	3.3622%	Zinc	--	µg/L	60.7	28.3	#VALUE!	170.5913508
5439000	4/27/1995	318	318	1.62	521.36	539	3.3622%	Zinc	--	µg/L	60.7	28.3	#VALUE!	170.5913508
5439000	11/23/1931	316	316	1.62	518.12	543	3.3872%	Zinc	--	µg/L	60.7	28.3	#VALUE!	169.5331022
5439000	5/8/1933	316	316	1.62	518.12	543	3.3872%	Zinc	--	µg/L	60.7	28.3	#VALUE!	169.5331022
5439000	4/23/1981	316	316	1.62	518.12	543	3.3872%	Zinc	--	µg/L	60.7	28.3	#VALUE!	169.5331022
5439000	4/11/1983	316	316	1.62	518.12	543	3.3872%	Zinc	--	µg/L	60.7	28.3	#VALUE!	169.5331022
5439000	3/5/2004	316	316	1.62	518.12	543	3.3872%	Zinc	--	µg/L	60.7	28.3	#VALUE!	169.5331022
5439000	5/28/1927	315	315	1.62	516.50	548	3.4184%	Zinc	--	µg/L	60.7	28.3	#VALUE!	169.003978
5439000	8/10/1980	315	315	1.62	516.50	548	3.4184%	Zinc	--	µg/L	60.7	28.3	#VALUE!	169.003978
5439000	6/17/1996	315	315	1.62	516.50	548	3.4184%	Zinc	--	µg/L	60.7	28.3	#VALUE!	169.003978
5439000	4/22/1998	315	315	1.62	516.50	548	3.4184%	Zinc	--	µg/L	60.7	28.3	#VALUE!	169.003978
5439000	4/20/2009	315	315	1.62	516.50	548	3.4184%	Zinc	--	µg/L	60.7	28.3	#VALUE!	169.003978
5439000	6/11/1993	314	314	1.62	514.89	553	3.4496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	168.4748537
5439000	5/25/1996	314	314	1.62	514.89	553	3.4496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	168.4748537
5439000	3/24/2007	314	314	1.62	514.89	553	3.4496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	168.4748537
5439000	5/25/1983	313	313	1.62	513.27	556	3.4683%	Zinc	--	µg/L	60.7	28.3	#VALUE!	167.9457294
5439000	2/19/1984	313	313	1.62	513.27	556	3.4683%	Zinc	--	µg/L	60.7	28.3	#VALUE!	167.9457294
5439000	7/12/1986	313	313	1.62	513.27	556	3.4683%	Zinc	--	µg/L	60.7	28.3	#VALUE!	167.9457294

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/25/1999	313	313	1.62	513.27	556	3.4683%	Zinc	--	µg/L	60.7	28.3	#VALUE!	167.9457294
5439000	5/26/1996	312	312	1.62	511.65	560	3.4932%	Zinc	--	µg/L	60.7	28.3	#VALUE!	167.4166051
5439000	6/4/1996	312	312	1.62	511.65	560	3.4932%	Zinc	--	µg/L	60.7	28.3	#VALUE!	167.4166051
5439000	4/30/2009	312	312	1.62	511.65	560	3.4932%	Zinc	--	µg/L	60.7	28.3	#VALUE!	167.4166051
5439000	2/21/2011	312	312	1.62	511.65	560	3.4932%	Zinc	--	µg/L	60.7	28.3	#VALUE!	167.4166051
5439000	3/17/1982	311	311	1.62	510.04	564	3.5182%	Zinc	--	µg/L	60.7	28.3	#VALUE!	166.8874808
5439000	3/29/1983	311	311	1.62	510.04	564	3.5182%	Zinc	--	µg/L	60.7	28.3	#VALUE!	166.8874808
5439000	8/20/1987	311	311	1.62	510.04	564	3.5182%	Zinc	--	µg/L	60.7	28.3	#VALUE!	166.8874808
5439000	7/23/1996	311	311	1.62	510.04	564	3.5182%	Zinc	--	µg/L	60.7	28.3	#VALUE!	166.8874808
5439000	2/12/2001	311	311	1.62	510.04	564	3.5182%	Zinc	--	µg/L	60.7	28.3	#VALUE!	166.8874808
5439000	3/9/2002	311	311	1.62	510.04	564	3.5182%	Zinc	--	µg/L	60.7	28.3	#VALUE!	166.8874808
5439000	6/16/1929	310	310	1.62	508.42	570	3.5556%	Zinc	--	µg/L	60.7	28.3	#VALUE!	166.3583566
5439000	6/1/1991	310	310	1.62	508.42	570	3.5556%	Zinc	--	µg/L	60.7	28.3	#VALUE!	166.3583566
5439000	5/11/1995	310	310	1.62	508.42	570	3.5556%	Zinc	--	µg/L	60.7	28.3	#VALUE!	166.3583566
5439000	4/2/2009	310	310	1.62	508.42	570	3.5556%	Zinc	--	µg/L	60.7	28.3	#VALUE!	166.3583566
5439000	8/20/1980	309	309	1.62	506.80	574	3.5806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	165.8292323
5439000	4/8/1993	309	309	1.62	506.80	574	3.5806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	165.8292323
5439000	4/17/1999	309	309	1.62	506.80	574	3.5806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	165.8292323
5439000	6/8/2002	309	309	1.62	506.80	574	3.5806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	165.8292323
5439000	5/16/2009	309	309	1.62	506.80	574	3.5806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	165.8292323
5439000	5/16/2011	309	309	1.62	506.80	574	3.5806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	165.8292323
5439000	4/23/2013	309	309	1.62	506.80	574	3.5806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	165.8292323
5439000	12/25/1982	308	308	1.62	505.18	581	3.6242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	165.300108
5439000	4/10/1993	308	308	1.62	505.18	581	3.6242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	165.300108
5439000	6/25/2000	308	308	1.62	505.18	581	3.6242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	165.300108
5439000	6/4/2008	308	308	1.62	505.18	581	3.6242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	165.300108
5439000	6/8/1996	307	307	1.62	503.57	585	3.6492%	Zinc	--	µg/L	60.7	28.3	#VALUE!	164.7709837
5439000	6/1/2000	307	307	1.62	503.57	585	3.6492%	Zinc	--	µg/L	60.7	28.3	#VALUE!	164.7709837
5439000	5/25/2004	307	307	1.62	503.57	585	3.6492%	Zinc	--	µg/L	60.7	28.3	#VALUE!	164.7709837
5439000	11/10/2011	307	307	1.62	503.57	585	3.6492%	Zinc	--	µg/L	60.7	28.3	#VALUE!	164.7709837
5439000	3/3/1997	306	306	1.62	501.95	589	3.6741%	Zinc	--	µg/L	60.7	28.3	#VALUE!	164.2418594

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/16/1990	305	305	1.62	500.33	590	3.6804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	163.7127352
5439000	4/18/1927	303	303	1.62	497.10	591	3.6866%	Zinc	--	µg/L	60.7	28.3	#VALUE!	162.6544866
5439000	4/30/1927	303	303	1.62	497.10	591	3.6866%	Zinc	--	µg/L	60.7	28.3	#VALUE!	162.6544866
5439000	7/8/1986	303	303	1.62	497.10	591	3.6866%	Zinc	--	µg/L	60.7	28.3	#VALUE!	162.6544866
5439000	9/7/1989	303	303	1.62	497.10	591	3.6866%	Zinc	--	µg/L	60.7	28.3	#VALUE!	162.6544866
5439000	3/18/1998	303	303	1.62	497.10	591	3.6866%	Zinc	--	µg/L	60.7	28.3	#VALUE!	162.6544866
5439000	5/13/2008	303	303	1.62	497.10	591	3.6866%	Zinc	--	µg/L	60.7	28.3	#VALUE!	162.6544866
5439000	6/27/1994	302	302	1.62	495.48	597	3.7240%	Zinc	--	µg/L	60.7	28.3	#VALUE!	162.1253623
5439000	3/16/2001	302	302	1.62	495.48	597	3.7240%	Zinc	--	µg/L	60.7	28.3	#VALUE!	162.1253623
5439000	3/2/1985	301	301	1.62	493.86	599	3.7365%	Zinc	--	µg/L	60.7	28.3	#VALUE!	161.596238
5439000	5/31/1980	300	300	1.62	492.25	600	3.7427%	Zinc	--	µg/L	60.7	28.3	#VALUE!	161.0671138
5439000	2/23/1985	300	300	1.62	492.25	600	3.7427%	Zinc	--	µg/L	60.7	28.3	#VALUE!	161.0671138
5439000	12/20/1987	300	300	1.62	492.25	600	3.7427%	Zinc	--	µg/L	60.7	28.3	#VALUE!	161.0671138
5439000	11/13/1992	300	300	1.62	492.25	600	3.7427%	Zinc	--	µg/L	60.7	28.3	#VALUE!	161.0671138
5439000	12/16/2011	300	300	1.62	492.25	600	3.7427%	Zinc	--	µg/L	60.7	28.3	#VALUE!	161.0671138
5439000	8/6/1989	299	299	1.62	490.63	605	3.7739%	Zinc	--	µg/L	60.7	28.3	#VALUE!	160.5379895
5439000	6/11/1998	299	299	1.62	490.63	605	3.7739%	Zinc	--	µg/L	60.7	28.3	#VALUE!	160.5379895
5439000	4/22/1999	299	299	1.62	490.63	605	3.7739%	Zinc	--	µg/L	60.7	28.3	#VALUE!	160.5379895
5439000	11/9/2011	299	299	1.62	490.63	605	3.7739%	Zinc	--	µg/L	60.7	28.3	#VALUE!	160.5379895
5439000	6/12/2004	298	298	1.62	489.01	609	3.7989%	Zinc	--	µg/L	60.7	28.3	#VALUE!	160.0088652
5439000	3/13/2007	298	298	1.62	489.01	609	3.7989%	Zinc	--	µg/L	60.7	28.3	#VALUE!	160.0088652
5439000	3/26/2009	298	298	1.62	489.01	609	3.7989%	Zinc	--	µg/L	60.7	28.3	#VALUE!	160.0088652
5439000	11/21/1992	297	297	1.62	487.40	612	3.8176%	Zinc	--	µg/L	60.7	28.3	#VALUE!	159.4797409
5439000	5/26/1995	297	297	1.62	487.40	612	3.8176%	Zinc	--	µg/L	60.7	28.3	#VALUE!	159.4797409
5439000	8/14/1980	296	296	1.62	485.78	614	3.8301%	Zinc	--	µg/L	60.7	28.3	#VALUE!	158.9506167
5439000	6/3/1999	296	296	1.62	485.78	614	3.8301%	Zinc	--	µg/L	60.7	28.3	#VALUE!	158.9506167
5439000	5/29/1980	295	295	1.62	484.16	616	3.8426%	Zinc	--	µg/L	60.7	28.3	#VALUE!	158.4214924
5439000	2/17/2008	295	295	1.62	484.16	616	3.8426%	Zinc	--	µg/L	60.7	28.3	#VALUE!	158.4214924
5439000	8/21/1987	294	294	1.62	482.55	618	3.8550%	Zinc	--	µg/L	60.7	28.3	#VALUE!	157.8923681
5439000	12/10/1987	294	294	1.62	482.55	618	3.8550%	Zinc	--	µg/L	60.7	28.3	#VALUE!	157.8923681
5439000	1/6/1993	294	294	1.62	482.55	618	3.8550%	Zinc	--	µg/L	60.7	28.3	#VALUE!	157.8923681

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/15/2010	294	294	1.62	482.55	618	3.8550%	Zinc	--	µg/L	60.7	28.3	#VALUE!	157.8923681
5439000	11/22/1985	293	293	1.62	480.93	622	3.8800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	157.3632438
5439000	5/17/2002	293	293	1.62	480.93	622	3.8800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	157.3632438
5439000	12/14/1928	292	292	1.62	479.31	624	3.8925%	Zinc	--	µg/L	60.7	28.3	#VALUE!	156.8341195
5439000	12/17/1928	292	292	1.62	479.31	624	3.8925%	Zinc	--	µg/L	60.7	28.3	#VALUE!	156.8341195
5439000	3/7/1929	292	292	1.62	479.31	624	3.8925%	Zinc	--	µg/L	60.7	28.3	#VALUE!	156.8341195
5439000	3/19/1929	292	292	1.62	479.31	624	3.8925%	Zinc	--	µg/L	60.7	28.3	#VALUE!	156.8341195
5439000	2/25/1930	292	292	1.62	479.31	624	3.8925%	Zinc	--	µg/L	60.7	28.3	#VALUE!	156.8341195
5439000	4/21/1930	292	292	1.62	479.31	624	3.8925%	Zinc	--	µg/L	60.7	28.3	#VALUE!	156.8341195
5439000	2/12/1932	292	292	1.62	479.31	624	3.8925%	Zinc	--	µg/L	60.7	28.3	#VALUE!	156.8341195
5439000	12/25/1932	292	292	1.62	479.31	624	3.8925%	Zinc	--	µg/L	60.7	28.3	#VALUE!	156.8341195
5439000	4/11/1926	291	291	1.62	477.69	632	3.9424%	Zinc	--	µg/L	60.7	28.3	#VALUE!	156.3049953
5439000	11/19/1926	291	291	1.62	477.69	632	3.9424%	Zinc	--	µg/L	60.7	28.3	#VALUE!	156.3049953
5439000	11/26/1926	291	291	1.62	477.69	632	3.9424%	Zinc	--	µg/L	60.7	28.3	#VALUE!	156.3049953
5439000	2/4/1927	291	291	1.62	477.69	632	3.9424%	Zinc	--	µg/L	60.7	28.3	#VALUE!	156.3049953
5439000	3/28/1993	291	291	1.62	477.69	632	3.9424%	Zinc	--	µg/L	60.7	28.3	#VALUE!	156.3049953
5439000	6/30/1993	291	291	1.62	477.69	632	3.9424%	Zinc	--	µg/L	60.7	28.3	#VALUE!	156.3049953
5439000	3/21/1982	290	290	1.62	476.08	638	3.9798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	155.775871
5439000	4/23/1987	290	290	1.62	476.08	638	3.9798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	155.775871
5439000	2/12/1998	290	290	1.62	476.08	638	3.9798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	155.775871
5439000	3/19/1982	289	289	1.62	474.46	641	3.9985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	155.2467467
5439000	12/9/1982	289	289	1.62	474.46	641	3.9985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	155.2467467
5439000	2/17/1984	289	289	1.62	474.46	641	3.9985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	155.2467467
5439000	11/22/1992	289	289	1.62	474.46	641	3.9985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	155.2467467
5439000	5/13/2003	289	289	1.62	474.46	641	3.9985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	155.2467467
5439000	9/16/1980	288	288	1.62	472.84	646	4.0297%	Zinc	--	µg/L	60.7	28.3	#VALUE!	154.7176224
5439000	4/1/1998	288	288	1.62	472.84	646	4.0297%	Zinc	--	µg/L	60.7	28.3	#VALUE!	154.7176224
5439000	5/29/1991	287	287	1.62	471.23	648	4.0422%	Zinc	--	µg/L	60.7	28.3	#VALUE!	154.1884981
5439000	4/9/1998	286	286	1.62	469.61	649	4.0484%	Zinc	--	µg/L	60.7	28.3	#VALUE!	153.6593739
5439000	1/28/1999	286	286	1.62	469.61	649	4.0484%	Zinc	--	µg/L	60.7	28.3	#VALUE!	153.6593739
5439000	5/2/2009	286	286	1.62	469.61	649	4.0484%	Zinc	--	µg/L	60.7	28.3	#VALUE!	153.6593739

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/16/2010	286	286	1.62	469.61	649	4.0484%	Zinc	--	µg/L	60.7	28.3	#VALUE!	153.6593739
5439000	9/19/1980	285	285	1.62	467.99	653	4.0734%	Zinc	--	µg/L	60.7	28.3	#VALUE!	153.1302496
5439000	4/5/1993	285	285	1.62	467.99	653	4.0734%	Zinc	--	µg/L	60.7	28.3	#VALUE!	153.1302496
5439000	9/28/1993	285	285	1.62	467.99	653	4.0734%	Zinc	--	µg/L	60.7	28.3	#VALUE!	153.1302496
5439000	6/2/2011	285	285	1.62	467.99	653	4.0734%	Zinc	--	µg/L	60.7	28.3	#VALUE!	153.1302496
5439000	6/23/2014	285	285	1.62	467.99	653	4.0734%	Zinc	--	µg/L	60.7	28.3	#VALUE!	153.1302496
5439000	11/13/1985	284	284	1.62	466.37	658	4.1045%	Zinc	--	µg/L	60.7	28.3	#VALUE!	152.6011253
5439000	6/16/1993	283	283	1.62	464.76	659	4.1108%	Zinc	--	µg/L	60.7	28.3	#VALUE!	152.072001
5439000	9/15/1993	283	283	1.62	464.76	659	4.1108%	Zinc	--	µg/L	60.7	28.3	#VALUE!	152.072001
5439000	11/30/1991	282	282	1.62	463.14	661	4.1233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	151.5428767
5439000	11/8/1994	282	282	1.62	463.14	661	4.1233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	151.5428767
5439000	12/24/2007	282	282	1.62	463.14	661	4.1233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	151.5428767
5439000	6/24/2010	282	282	1.62	463.14	661	4.1233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	151.5428767
5439000	3/10/2013	282	282	1.62	463.14	661	4.1233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	151.5428767
5439000	12/21/1987	281	281	1.62	461.52	666	4.1545%	Zinc	--	µg/L	60.7	28.3	#VALUE!	151.0137525
5439000	4/25/2013	281	281	1.62	461.52	666	4.1545%	Zinc	--	µg/L	60.7	28.3	#VALUE!	151.0137525
5439000	3/22/1929	280	280	1.62	459.91	668	4.1669%	Zinc	--	µg/L	60.7	28.3	#VALUE!	150.4846282
5439000	3/23/1929	280	280	1.62	459.91	668	4.1669%	Zinc	--	µg/L	60.7	28.3	#VALUE!	150.4846282
5439000	3/29/1932	280	280	1.62	459.91	668	4.1669%	Zinc	--	µg/L	60.7	28.3	#VALUE!	150.4846282
5439000	12/24/1932	280	280	1.62	459.91	668	4.1669%	Zinc	--	µg/L	60.7	28.3	#VALUE!	150.4846282
5439000	7/3/1933	280	280	1.62	459.91	668	4.1669%	Zinc	--	µg/L	60.7	28.3	#VALUE!	150.4846282
5439000	4/8/1983	280	280	1.62	459.91	668	4.1669%	Zinc	--	µg/L	60.7	28.3	#VALUE!	150.4846282
5439000	6/25/1996	280	280	1.62	459.91	668	4.1669%	Zinc	--	µg/L	60.7	28.3	#VALUE!	150.4846282
5439000	2/12/1999	280	280	1.62	459.91	668	4.1669%	Zinc	--	µg/L	60.7	28.3	#VALUE!	150.4846282
5439000	8/31/2007	280	280	1.62	459.91	668	4.1669%	Zinc	--	µg/L	60.7	28.3	#VALUE!	150.4846282
5439000	7/4/2014	280	280	1.62	459.91	668	4.1669%	Zinc	--	µg/L	60.7	28.3	#VALUE!	150.4846282
5439000	4/8/1926	279	279	1.62	458.29	678	4.2293%	Zinc	--	µg/L	60.7	28.3	#VALUE!	149.9555039
5439000	9/26/1926	279	279	1.62	458.29	678	4.2293%	Zinc	--	µg/L	60.7	28.3	#VALUE!	149.9555039
5439000	10/3/1926	279	279	1.62	458.29	678	4.2293%	Zinc	--	µg/L	60.7	28.3	#VALUE!	149.9555039
5439000	11/27/1926	279	279	1.62	458.29	678	4.2293%	Zinc	--	µg/L	60.7	28.3	#VALUE!	149.9555039
5439000	7/6/1928	279	279	1.62	458.29	678	4.2293%	Zinc	--	µg/L	60.7	28.3	#VALUE!	149.9555039

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/21/1928	279	279	1.62	458.29	678	4.2293%	Zinc	--	µg/L	60.7	28.3	#VALUE!	149.9555039
5439000	8/22/1987	279	279	1.62	458.29	678	4.2293%	Zinc	--	µg/L	60.7	28.3	#VALUE!	149.9555039
5439000	1/22/1988	279	279	1.62	458.29	678	4.2293%	Zinc	--	µg/L	60.7	28.3	#VALUE!	149.9555039
5439000	5/16/2004	279	279	1.62	458.29	678	4.2293%	Zinc	--	µg/L	60.7	28.3	#VALUE!	149.9555039
5439000	4/17/1982	278	278	1.62	456.67	687	4.2854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	149.4263796
5439000	11/24/1992	278	278	1.62	456.67	687	4.2854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	149.4263796
5439000	6/20/1996	278	278	1.62	456.67	687	4.2854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	149.4263796
5439000	9/20/2008	278	278	1.62	456.67	687	4.2854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	149.4263796
5439000	4/22/1993	277	277	1.62	455.05	691	4.3104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	148.8972553
5439000	3/18/2014	277	277	1.62	455.05	691	4.3104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	148.8972553
5439000	3/20/2014	277	277	1.62	455.05	691	4.3104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	148.8972553
5439000	5/28/1982	276	276	1.62	453.44	694	4.3291%	Zinc	--	µg/L	60.7	28.3	#VALUE!	148.3681311
5439000	5/31/1991	276	276	1.62	453.44	694	4.3291%	Zinc	--	µg/L	60.7	28.3	#VALUE!	148.3681311
5439000	11/28/1983	275	275	1.62	451.82	696	4.3416%	Zinc	--	µg/L	60.7	28.3	#VALUE!	147.8390068
5439000	3/31/1988	274	274	1.62	450.20	697	4.3478%	Zinc	--	µg/L	60.7	28.3	#VALUE!	147.3098825
5439000	4/18/1998	274	274	1.62	450.20	697	4.3478%	Zinc	--	µg/L	60.7	28.3	#VALUE!	147.3098825
5439000	5/15/2002	274	274	1.62	450.20	697	4.3478%	Zinc	--	µg/L	60.7	28.3	#VALUE!	147.3098825
5439000	1/26/2010	274	274	1.62	450.20	697	4.3478%	Zinc	--	µg/L	60.7	28.3	#VALUE!	147.3098825
5439000	4/27/2011	274	274	1.62	450.20	697	4.3478%	Zinc	--	µg/L	60.7	28.3	#VALUE!	147.3098825
5439000	6/22/2015	274	274	1.62	450.20	697	4.3478%	Zinc	--	µg/L	60.7	28.3	#VALUE!	147.3098825
5439000	3/20/1991	273	273	1.62	448.59	703	4.3853%	Zinc	--	µg/L	60.7	28.3	#VALUE!	146.7807582
5439000	6/19/2014	273	273	1.62	448.59	703	4.3853%	Zinc	--	µg/L	60.7	28.3	#VALUE!	146.7807582
5439000	11/16/1985	272	272	1.62	446.97	705	4.3977%	Zinc	--	µg/L	60.7	28.3	#VALUE!	146.251634
5439000	11/18/1985	272	272	1.62	446.97	705	4.3977%	Zinc	--	µg/L	60.7	28.3	#VALUE!	146.251634
5439000	5/12/1990	272	272	1.62	446.97	705	4.3977%	Zinc	--	µg/L	60.7	28.3	#VALUE!	146.251634
5439000	11/2/2009	272	272	1.62	446.97	705	4.3977%	Zinc	--	µg/L	60.7	28.3	#VALUE!	146.251634
5439000	1/24/1993	271	271	1.62	445.35	709	4.4227%	Zinc	--	µg/L	60.7	28.3	#VALUE!	145.7225097
5439000	3/1/2007	271	271	1.62	445.35	709	4.4227%	Zinc	--	µg/L	60.7	28.3	#VALUE!	145.7225097
5439000	1/10/2008	271	271	1.62	445.35	709	4.4227%	Zinc	--	µg/L	60.7	28.3	#VALUE!	145.7225097
5439000	8/11/1980	270	270	1.62	443.74	712	4.4414%	Zinc	--	µg/L	60.7	28.3	#VALUE!	145.1933854
5439000	3/8/1985	270	270	1.62	443.74	712	4.4414%	Zinc	--	µg/L	60.7	28.3	#VALUE!	145.1933854

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/12/1986	270	270	1.62	443.74	712	4.4414%	Zinc	--	µg/L	60.7	28.3	#VALUE!	145.1933854
5439000	5/1/2003	270	270	1.62	443.74	712	4.4414%	Zinc	--	µg/L	60.7	28.3	#VALUE!	145.1933854
5439000	3/30/1983	269	269	1.62	442.12	716	4.4663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	144.6642611
5439000	3/8/1993	269	269	1.62	442.12	716	4.4663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	144.6642611
5439000	6/13/1998	269	269	1.62	442.12	716	4.4663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	144.6642611
5439000	7/3/2000	269	269	1.62	442.12	716	4.4663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	144.6642611
5439000	3/13/2009	269	269	1.62	442.12	716	4.4663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	144.6642611
5439000	3/6/2011	269	269	1.62	442.12	716	4.4663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	144.6642611
5439000	11/22/1928	268	268	1.62	440.50	722	4.5038%	Zinc	--	µg/L	60.7	28.3	#VALUE!	144.1351368
5439000	3/1/1929	268	268	1.62	440.50	722	4.5038%	Zinc	--	µg/L	60.7	28.3	#VALUE!	144.1351368
5439000	4/23/1929	268	268	1.62	440.50	722	4.5038%	Zinc	--	µg/L	60.7	28.3	#VALUE!	144.1351368
5439000	4/18/1930	268	268	1.62	440.50	722	4.5038%	Zinc	--	µg/L	60.7	28.3	#VALUE!	144.1351368
5439000	6/23/1931	268	268	1.62	440.50	722	4.5038%	Zinc	--	µg/L	60.7	28.3	#VALUE!	144.1351368
5439000	11/24/1931	268	268	1.62	440.50	722	4.5038%	Zinc	--	µg/L	60.7	28.3	#VALUE!	144.1351368
5439000	5/2/1933	268	268	1.62	440.50	722	4.5038%	Zinc	--	µg/L	60.7	28.3	#VALUE!	144.1351368
5439000	5/10/1933	268	268	1.62	440.50	722	4.5038%	Zinc	--	µg/L	60.7	28.3	#VALUE!	144.1351368
5439000	10/23/2009	268	268	1.62	440.50	722	4.5038%	Zinc	--	µg/L	60.7	28.3	#VALUE!	144.1351368
5439000	6/13/2011	268	268	1.62	440.50	722	4.5038%	Zinc	--	µg/L	60.7	28.3	#VALUE!	144.1351368
5439000	5/7/2015	268	268	1.62	440.50	722	4.5038%	Zinc	--	µg/L	60.7	28.3	#VALUE!	144.1351368
5439000	2/27/1926	267	267	1.62	438.88	733	4.5724%	Zinc	--	µg/L	60.7	28.3	#VALUE!	143.6060126
5439000	6/14/1926	267	267	1.62	438.88	733	4.5724%	Zinc	--	µg/L	60.7	28.3	#VALUE!	143.6060126
5439000	10/6/1926	267	267	1.62	438.88	733	4.5724%	Zinc	--	µg/L	60.7	28.3	#VALUE!	143.6060126
5439000	3/12/1927	267	267	1.62	438.88	733	4.5724%	Zinc	--	µg/L	60.7	28.3	#VALUE!	143.6060126
5439000	4/22/1927	267	267	1.62	438.88	733	4.5724%	Zinc	--	µg/L	60.7	28.3	#VALUE!	143.6060126
5439000	6/4/1927	267	267	1.62	438.88	733	4.5724%	Zinc	--	µg/L	60.7	28.3	#VALUE!	143.6060126
5439000	10/8/1927	267	267	1.62	438.88	733	4.5724%	Zinc	--	µg/L	60.7	28.3	#VALUE!	143.6060126
5439000	12/26/1982	267	267	1.62	438.88	733	4.5724%	Zinc	--	µg/L	60.7	28.3	#VALUE!	143.6060126
5439000	11/14/1985	267	267	1.62	438.88	733	4.5724%	Zinc	--	µg/L	60.7	28.3	#VALUE!	143.6060126
5439000	11/30/1990	267	267	1.62	438.88	733	4.5724%	Zinc	--	µg/L	60.7	28.3	#VALUE!	143.6060126
5439000	3/2/1991	267	267	1.62	438.88	733	4.5724%	Zinc	--	µg/L	60.7	28.3	#VALUE!	143.6060126
5439000	5/16/2002	267	267	1.62	438.88	733	4.5724%	Zinc	--	µg/L	60.7	28.3	#VALUE!	143.6060126

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/20/2004	267	267	1.62	438.88	733	4.5724%	Zinc	--	µg/L	60.7	28.3	#VALUE!	143.6060126
5439000	4/14/2008	267	267	1.62	438.88	733	4.5724%	Zinc	--	µg/L	60.7	28.3	#VALUE!	143.6060126
5439000	5/27/1995	266	266	1.62	437.27	747	4.6597%	Zinc	--	µg/L	60.7	28.3	#VALUE!	143.0768883
5439000	12/29/2009	266	266	1.62	437.27	747	4.6597%	Zinc	--	µg/L	60.7	28.3	#VALUE!	143.0768883
5439000	6/29/2013	266	266	1.62	437.27	747	4.6597%	Zinc	--	µg/L	60.7	28.3	#VALUE!	143.0768883
5439000	4/9/1988	265	265	1.62	435.65	750	4.6784%	Zinc	--	µg/L	60.7	28.3	#VALUE!	142.547764
5439000	2/25/1997	265	265	1.62	435.65	750	4.6784%	Zinc	--	µg/L	60.7	28.3	#VALUE!	142.547764
5439000	3/6/2004	265	265	1.62	435.65	750	4.6784%	Zinc	--	µg/L	60.7	28.3	#VALUE!	142.547764
5439000	4/21/2011	265	265	1.62	435.65	750	4.6784%	Zinc	--	µg/L	60.7	28.3	#VALUE!	142.547764
5439000	1/26/1999	264	264	1.62	434.03	754	4.7034%	Zinc	--	µg/L	60.7	28.3	#VALUE!	142.0186397
5439000	6/6/2001	264	264	1.62	434.03	754	4.7034%	Zinc	--	µg/L	60.7	28.3	#VALUE!	142.0186397
5439000	11/11/1985	263	263	1.62	432.42	756	4.7159%	Zinc	--	µg/L	60.7	28.3	#VALUE!	141.4895154
5439000	9/1/1987	263	263	1.62	432.42	756	4.7159%	Zinc	--	µg/L	60.7	28.3	#VALUE!	141.4895154
5439000	6/3/1989	263	263	1.62	432.42	756	4.7159%	Zinc	--	µg/L	60.7	28.3	#VALUE!	141.4895154
5439000	4/23/2011	263	263	1.62	432.42	756	4.7159%	Zinc	--	µg/L	60.7	28.3	#VALUE!	141.4895154
5439000	3/25/2007	262	262	1.62	430.80	760	4.7408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	140.9603912
5439000	3/29/2009	262	262	1.62	430.80	760	4.7408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	140.9603912
5439000	5/13/1990	261	261	1.62	429.18	762	4.7533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	140.4312669
5439000	7/30/1996	261	261	1.62	429.18	762	4.7533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	140.4312669
5439000	3/10/2011	261	261	1.62	429.18	762	4.7533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	140.4312669
5439000	4/26/2011	261	261	1.62	429.18	762	4.7533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	140.4312669
5439000	12/26/1987	260	260	1.62	427.56	766	4.7782%	Zinc	--	µg/L	60.7	28.3	#VALUE!	139.9021426
5439000	6/4/1995	260	260	1.62	427.56	766	4.7782%	Zinc	--	µg/L	60.7	28.3	#VALUE!	139.9021426
5439000	6/12/1999	260	260	1.62	427.56	766	4.7782%	Zinc	--	µg/L	60.7	28.3	#VALUE!	139.9021426
5439000	6/4/2004	260	260	1.62	427.56	766	4.7782%	Zinc	--	µg/L	60.7	28.3	#VALUE!	139.9021426
5439000	6/28/2013	260	260	1.62	427.56	766	4.7782%	Zinc	--	µg/L	60.7	28.3	#VALUE!	139.9021426
5439000	6/2/2000	259	259	1.62	425.95	771	4.8094%	Zinc	--	µg/L	60.7	28.3	#VALUE!	139.3730183
5439000	4/21/2009	259	259	1.62	425.95	771	4.8094%	Zinc	--	µg/L	60.7	28.3	#VALUE!	139.3730183
5439000	3/14/1982	258	258	1.62	424.33	773	4.8219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	138.843894
5439000	4/12/1983	258	258	1.62	424.33	773	4.8219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	138.843894
5439000	7/8/1983	258	258	1.62	424.33	773	4.8219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	138.843894

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/18/1992	258	258	1.62	424.33	773	4.8219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	138.843894
5439000	4/28/2007	258	258	1.62	424.33	773	4.8219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	138.843894
5439000	5/26/2008	258	258	1.62	424.33	773	4.8219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	138.843894
5439000	4/11/2013	258	258	1.62	424.33	773	4.8219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	138.843894
5439000	3/30/1932	257	257	1.62	422.71	780	4.8656%	Zinc	--	µg/L	60.7	28.3	#VALUE!	138.3147698
5439000	11/27/1992	257	257	1.62	422.71	780	4.8656%	Zinc	--	µg/L	60.7	28.3	#VALUE!	138.3147698
5439000	7/25/1993	257	257	1.62	422.71	780	4.8656%	Zinc	--	µg/L	60.7	28.3	#VALUE!	138.3147698
5439000	3/14/2007	257	257	1.62	422.71	780	4.8656%	Zinc	--	µg/L	60.7	28.3	#VALUE!	138.3147698
5439000	8/10/2007	257	257	1.62	422.71	780	4.8656%	Zinc	--	µg/L	60.7	28.3	#VALUE!	138.3147698
5439000	5/11/2015	257	257	1.62	422.71	780	4.8656%	Zinc	--	µg/L	60.7	28.3	#VALUE!	138.3147698
5439000	12/15/1928	256	256	1.62	421.10	786	4.9030%	Zinc	--	µg/L	60.7	28.3	#VALUE!	137.7856455
5439000	4/27/1929	256	256	1.62	421.10	786	4.9030%	Zinc	--	µg/L	60.7	28.3	#VALUE!	137.7856455
5439000	2/18/1984	256	256	1.62	421.10	786	4.9030%	Zinc	--	µg/L	60.7	28.3	#VALUE!	137.7856455
5439000	6/2/1991	256	256	1.62	421.10	786	4.9030%	Zinc	--	µg/L	60.7	28.3	#VALUE!	137.7856455
5439000	3/29/1993	256	256	1.62	421.10	786	4.9030%	Zinc	--	µg/L	60.7	28.3	#VALUE!	137.7856455
5439000	7/11/2000	256	256	1.62	421.10	786	4.9030%	Zinc	--	µg/L	60.7	28.3	#VALUE!	137.7856455
5439000	2/19/1926	255	255	1.62	419.48	792	4.9404%	Zinc	--	µg/L	60.7	28.3	#VALUE!	137.2565212
5439000	3/2/1926	255	255	1.62	419.48	792	4.9404%	Zinc	--	µg/L	60.7	28.3	#VALUE!	137.2565212
5439000	10/2/1926	255	255	1.62	419.48	792	4.9404%	Zinc	--	µg/L	60.7	28.3	#VALUE!	137.2565212
5439000	11/20/1926	255	255	1.62	419.48	792	4.9404%	Zinc	--	µg/L	60.7	28.3	#VALUE!	137.2565212
5439000	5/29/1927	255	255	1.62	419.48	792	4.9404%	Zinc	--	µg/L	60.7	28.3	#VALUE!	137.2565212
5439000	6/23/1928	255	255	1.62	419.48	792	4.9404%	Zinc	--	µg/L	60.7	28.3	#VALUE!	137.2565212
5439000	11/2/1987	254	254	1.62	417.86	798	4.9779%	Zinc	--	µg/L	60.7	28.3	#VALUE!	136.7273969
5439000	4/11/1995	254	254	1.62	417.86	798	4.9779%	Zinc	--	µg/L	60.7	28.3	#VALUE!	136.7273969
5439000	5/24/1996	254	254	1.62	417.86	798	4.9779%	Zinc	--	µg/L	60.7	28.3	#VALUE!	136.7273969
5439000	2/2/1999	254	254	1.62	417.86	798	4.9779%	Zinc	--	µg/L	60.7	28.3	#VALUE!	136.7273969
5439000	4/28/1995	253	253	1.62	416.24	802	5.0028%	Zinc	--	µg/L	60.7	28.3	#VALUE!	136.1982726
5439000	7/24/1996	253	253	1.62	416.24	802	5.0028%	Zinc	--	µg/L	60.7	28.3	#VALUE!	136.1982726
5439000	4/10/1998	253	253	1.62	416.24	802	5.0028%	Zinc	--	µg/L	60.7	28.3	#VALUE!	136.1982726
5439000	6/13/2004	253	253	1.62	416.24	802	5.0028%	Zinc	--	µg/L	60.7	28.3	#VALUE!	136.1982726
5439000	3/21/2007	253	253	1.62	416.24	802	5.0028%	Zinc	--	µg/L	60.7	28.3	#VALUE!	136.1982726

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/8/2012	253	253	1.62	416.24	802	5.0028%	Zinc	--	µg/L	60.7	28.3	#VALUE!	136.1982726
5439000	4/17/2013	253	253	1.62	416.24	802	5.0028%	Zinc	--	µg/L	60.7	28.3	#VALUE!	136.1982726
5439000	6/1/1980	252	252	1.62	414.63	809	5.0465%	Zinc	--	µg/L	60.7	28.3	#VALUE!	135.6691484
5439000	4/30/1981	252	252	1.62	414.63	809	5.0465%	Zinc	--	µg/L	60.7	28.3	#VALUE!	135.6691484
5439000	5/1/1981	252	252	1.62	414.63	809	5.0465%	Zinc	--	µg/L	60.7	28.3	#VALUE!	135.6691484
5439000	5/22/1986	252	252	1.62	414.63	809	5.0465%	Zinc	--	µg/L	60.7	28.3	#VALUE!	135.6691484
5439000	5/30/1995	252	252	1.62	414.63	809	5.0465%	Zinc	--	µg/L	60.7	28.3	#VALUE!	135.6691484
5439000	2/26/1997	252	252	1.62	414.63	809	5.0465%	Zinc	--	µg/L	60.7	28.3	#VALUE!	135.6691484
5439000	5/11/1998	252	252	1.62	414.63	809	5.0465%	Zinc	--	µg/L	60.7	28.3	#VALUE!	135.6691484
5439000	4/6/2010	252	252	1.62	414.63	809	5.0465%	Zinc	--	µg/L	60.7	28.3	#VALUE!	135.6691484
5439000	6/18/1981	251	251	1.62	413.01	817	5.0964%	Zinc	--	µg/L	60.7	28.3	#VALUE!	135.1400241
5439000	3/30/1988	251	251	1.62	413.01	817	5.0964%	Zinc	--	µg/L	60.7	28.3	#VALUE!	135.1400241
5439000	3/17/1990	251	251	1.62	413.01	817	5.0964%	Zinc	--	µg/L	60.7	28.3	#VALUE!	135.1400241
5439000	4/13/1995	251	251	1.62	413.01	817	5.0964%	Zinc	--	µg/L	60.7	28.3	#VALUE!	135.1400241
5439000	11/12/1995	251	251	1.62	413.01	817	5.0964%	Zinc	--	µg/L	60.7	28.3	#VALUE!	135.1400241
5439000	2/2/1988	250	250	1.62	411.39	822	5.1276%	Zinc	--	µg/L	60.7	28.3	#VALUE!	134.6108998
5439000	11/25/1992	250	250	1.62	411.39	822	5.1276%	Zinc	--	µg/L	60.7	28.3	#VALUE!	134.6108998
5439000	8/9/1996	250	250	1.62	411.39	822	5.1276%	Zinc	--	µg/L	60.7	28.3	#VALUE!	134.6108998
5439000	5/26/2004	250	250	1.62	411.39	822	5.1276%	Zinc	--	µg/L	60.7	28.3	#VALUE!	134.6108998
5439000	7/25/1982	249	249	1.62	409.78	826	5.1525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	134.0817755
5439000	2/20/1983	249	249	1.62	409.78	826	5.1525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	134.0817755
5439000	3/3/1985	249	249	1.62	409.78	826	5.1525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	134.0817755
5439000	6/29/1990	249	249	1.62	409.78	826	5.1525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	134.0817755
5439000	3/29/1991	249	249	1.62	409.78	826	5.1525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	134.0817755
5439000	5/10/1996	249	249	1.62	409.78	826	5.1525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	134.0817755
5439000	7/10/2000	249	249	1.62	409.78	826	5.1525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	134.0817755
5439000	6/9/2008	249	249	1.62	409.78	826	5.1525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	134.0817755
5439000	3/21/2014	249	249	1.62	409.78	826	5.1525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	134.0817755
5439000	9/20/1980	248	248	1.62	408.16	835	5.2087%	Zinc	--	µg/L	60.7	28.3	#VALUE!	133.5526513
5439000	6/28/1982	248	248	1.62	408.16	835	5.2087%	Zinc	--	µg/L	60.7	28.3	#VALUE!	133.5526513
5439000	6/10/1998	248	248	1.62	408.16	835	5.2087%	Zinc	--	µg/L	60.7	28.3	#VALUE!	133.5526513

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/4/2007	248	248	1.62	408.16	835	5.2087%	Zinc	--	µg/L	60.7	28.3	#VALUE!	133.5526513
5439000	3/5/1986	247	247	1.62	406.54	839	5.2336%	Zinc	--	µg/L	60.7	28.3	#VALUE!	133.023527
5439000	3/24/1929	246	246	1.62	404.92	840	5.2398%	Zinc	--	µg/L	60.7	28.3	#VALUE!	132.4944027
5439000	4/20/1930	246	246	1.62	404.92	840	5.2398%	Zinc	--	µg/L	60.7	28.3	#VALUE!	132.4944027
5439000	6/24/1931	246	246	1.62	404.92	840	5.2398%	Zinc	--	µg/L	60.7	28.3	#VALUE!	132.4944027
5439000	3/3/1932	246	246	1.62	404.92	840	5.2398%	Zinc	--	µg/L	60.7	28.3	#VALUE!	132.4944027
5439000	5/30/1981	246	246	1.62	404.92	840	5.2398%	Zinc	--	µg/L	60.7	28.3	#VALUE!	132.4944027
5439000	12/10/1982	246	246	1.62	404.92	840	5.2398%	Zinc	--	µg/L	60.7	28.3	#VALUE!	132.4944027
5439000	5/26/1983	246	246	1.62	404.92	840	5.2398%	Zinc	--	µg/L	60.7	28.3	#VALUE!	132.4944027
5439000	5/26/1984	246	246	1.62	404.92	840	5.2398%	Zinc	--	µg/L	60.7	28.3	#VALUE!	132.4944027
5439000	11/9/1994	246	246	1.62	404.92	840	5.2398%	Zinc	--	µg/L	60.7	28.3	#VALUE!	132.4944027
5439000	4/29/1999	246	246	1.62	404.92	840	5.2398%	Zinc	--	µg/L	60.7	28.3	#VALUE!	132.4944027
5439000	4/7/2010	246	246	1.62	404.92	840	5.2398%	Zinc	--	µg/L	60.7	28.3	#VALUE!	132.4944027
5439000	5/28/2011	246	246	1.62	404.92	840	5.2398%	Zinc	--	µg/L	60.7	28.3	#VALUE!	132.4944027
5439000	6/5/1996	245	245	1.62	403.31	852	5.3147%	Zinc	--	µg/L	60.7	28.3	#VALUE!	131.9652784
5439000	2/14/2005	245	245	1.62	403.31	852	5.3147%	Zinc	--	µg/L	60.7	28.3	#VALUE!	131.9652784
5439000	12/18/1928	244	244	1.62	401.69	854	5.3272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	131.4361541
5439000	3/20/1929	244	244	1.62	401.69	854	5.3272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	131.4361541
5439000	4/4/1929	244	244	1.62	401.69	854	5.3272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	131.4361541
5439000	4/14/1983	244	244	1.62	401.69	854	5.3272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	131.4361541
5439000	8/4/2010	244	244	1.62	401.69	854	5.3272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	131.4361541
5439000	3/13/1927	243	243	1.62	400.07	859	5.3584%	Zinc	--	µg/L	60.7	28.3	#VALUE!	130.9070299
5439000	4/9/1928	243	243	1.62	400.07	859	5.3584%	Zinc	--	µg/L	60.7	28.3	#VALUE!	130.9070299
5439000	4/22/2000	243	243	1.62	400.07	859	5.3584%	Zinc	--	µg/L	60.7	28.3	#VALUE!	130.9070299
5439000	3/15/2008	243	243	1.62	400.07	859	5.3584%	Zinc	--	µg/L	60.7	28.3	#VALUE!	130.9070299
5439000	11/17/1985	242	242	1.62	398.46	863	5.3833%	Zinc	--	µg/L	60.7	28.3	#VALUE!	130.3779056
5439000	12/24/1987	242	242	1.62	398.46	863	5.3833%	Zinc	--	µg/L	60.7	28.3	#VALUE!	130.3779056
5439000	6/18/1993	242	242	1.62	398.46	863	5.3833%	Zinc	--	µg/L	60.7	28.3	#VALUE!	130.3779056
5439000	7/21/1993	242	242	1.62	398.46	863	5.3833%	Zinc	--	µg/L	60.7	28.3	#VALUE!	130.3779056
5439000	3/14/2015	242	242	1.62	398.46	863	5.3833%	Zinc	--	µg/L	60.7	28.3	#VALUE!	130.3779056
5439000	3/9/1985	241	241	1.62	396.84	868	5.4145%	Zinc	--	µg/L	60.7	28.3	#VALUE!	129.8487813

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/17/1991	241	241	1.62	396.84	868	5.4145%	Zinc	--	µg/L	60.7	28.3	#VALUE!	129.8487813
5439000	6/9/1996	241	241	1.62	396.84	868	5.4145%	Zinc	--	µg/L	60.7	28.3	#VALUE!	129.8487813
5439000	11/30/1987	240	240	1.62	395.22	871	5.4332%	Zinc	--	µg/L	60.7	28.3	#VALUE!	129.319657
5439000	10/19/1998	240	240	1.62	395.22	871	5.4332%	Zinc	--	µg/L	60.7	28.3	#VALUE!	129.319657
5439000	5/12/2010	240	240	1.62	395.22	871	5.4332%	Zinc	--	µg/L	60.7	28.3	#VALUE!	129.319657
5439000	4/13/1983	239	239	1.62	393.61	874	5.4519%	Zinc	--	µg/L	60.7	28.3	#VALUE!	128.7905327
5439000	6/2/1995	239	239	1.62	393.61	874	5.4519%	Zinc	--	µg/L	60.7	28.3	#VALUE!	128.7905327
5439000	10/24/2009	239	239	1.62	393.61	874	5.4519%	Zinc	--	µg/L	60.7	28.3	#VALUE!	128.7905327
5439000	6/17/2000	238	238	1.62	391.99	877	5.4707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	128.2614085
5439000	2/28/2001	238	238	1.62	391.99	877	5.4707%	Zinc	100.00	µg/L	60.7	28.3	211.3038031	128.2614085
5439000	3/9/2007	238	238	1.62	391.99	877	5.4707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	128.2614085
5439000	4/3/2009	238	238	1.62	391.99	877	5.4707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	128.2614085
5439000	12/14/2011	238	238	1.62	391.99	877	5.4707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	128.2614085
5439000	6/30/2014	238	238	1.62	391.99	877	5.4707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	128.2614085
5439000	3/19/1983	237	237	1.62	390.37	883	5.5081%	Zinc	--	µg/L	60.7	28.3	#VALUE!	127.7322842
5439000	5/2/1983	237	237	1.62	390.37	883	5.5081%	Zinc	--	µg/L	60.7	28.3	#VALUE!	127.7322842
5439000	5/25/1984	237	237	1.62	390.37	883	5.5081%	Zinc	--	µg/L	60.7	28.3	#VALUE!	127.7322842
5439000	5/24/1987	237	237	1.62	390.37	883	5.5081%	Zinc	--	µg/L	60.7	28.3	#VALUE!	127.7322842
5439000	6/12/1993	237	237	1.62	390.37	883	5.5081%	Zinc	--	µg/L	60.7	28.3	#VALUE!	127.7322842
5439000	4/23/1998	237	237	1.62	390.37	883	5.5081%	Zinc	--	µg/L	60.7	28.3	#VALUE!	127.7322842
5439000	4/10/2002	237	237	1.62	390.37	883	5.5081%	Zinc	--	µg/L	60.7	28.3	#VALUE!	127.7322842
5439000	3/16/2010	237	237	1.62	390.37	883	5.5081%	Zinc	--	µg/L	60.7	28.3	#VALUE!	127.7322842
5439000	3/16/2013	237	237	1.62	390.37	883	5.5081%	Zinc	--	µg/L	60.7	28.3	#VALUE!	127.7322842
5439000	2/20/1984	236	236	1.62	388.75	892	5.5642%	Zinc	--	µg/L	60.7	28.3	#VALUE!	127.2031599
5439000	1/22/1993	236	236	1.62	388.75	892	5.5642%	Zinc	--	µg/L	60.7	28.3	#VALUE!	127.2031599
5439000	6/9/2002	236	236	1.62	388.75	892	5.5642%	Zinc	--	µg/L	60.7	28.3	#VALUE!	127.2031599
5439000	6/14/2009	236	236	1.62	388.75	892	5.5642%	Zinc	--	µg/L	60.7	28.3	#VALUE!	127.2031599
5439000	3/9/2010	236	236	1.62	388.75	892	5.5642%	Zinc	--	µg/L	60.7	28.3	#VALUE!	127.2031599
5439000	3/31/1983	235	235	1.62	387.14	897	5.5954%	Zinc	--	µg/L	60.7	28.3	#VALUE!	126.6740356
5439000	7/13/1986	235	235	1.62	387.14	897	5.5954%	Zinc	--	µg/L	60.7	28.3	#VALUE!	126.6740356
5439000	3/21/1991	235	235	1.62	387.14	897	5.5954%	Zinc	--	µg/L	60.7	28.3	#VALUE!	126.6740356

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/26/1991	235	235	1.62	387.14	897	5.5954%	Zinc	--	µg/L	60.7	28.3	#VALUE!	126.6740356
5439000	1/1/1993	235	235	1.62	387.14	897	5.5954%	Zinc	--	µg/L	60.7	28.3	#VALUE!	126.6740356
5439000	3/6/2008	235	235	1.62	387.14	897	5.5954%	Zinc	--	µg/L	60.7	28.3	#VALUE!	126.6740356
5439000	3/31/2008	235	235	1.62	387.14	897	5.5954%	Zinc	--	µg/L	60.7	28.3	#VALUE!	126.6740356
5439000	1/2/2009	235	235	1.62	387.14	897	5.5954%	Zinc	--	µg/L	60.7	28.3	#VALUE!	126.6740356
5439000	4/5/1982	234	234	1.62	385.52	905	5.6453%	Zinc	--	µg/L	60.7	28.3	#VALUE!	126.1449113
5439000	3/20/1983	234	234	1.62	385.52	905	5.6453%	Zinc	--	µg/L	60.7	28.3	#VALUE!	126.1449113
5439000	3/13/1986	234	234	1.62	385.52	905	5.6453%	Zinc	--	µg/L	60.7	28.3	#VALUE!	126.1449113
5439000	3/20/1998	234	234	1.62	385.52	905	5.6453%	Zinc	--	µg/L	60.7	28.3	#VALUE!	126.1449113
5439000	2/3/1999	234	234	1.62	385.52	905	5.6453%	Zinc	--	µg/L	60.7	28.3	#VALUE!	126.1449113
5439000	6/23/2009	234	234	1.62	385.52	905	5.6453%	Zinc	--	µg/L	60.7	28.3	#VALUE!	126.1449113
5439000	4/24/1929	233	233	1.62	383.90	911	5.6827%	Zinc	--	µg/L	60.7	28.3	#VALUE!	125.6157871
5439000	5/28/1984	233	233	1.62	383.90	911	5.6827%	Zinc	--	µg/L	60.7	28.3	#VALUE!	125.6157871
5439000	11/12/1992	233	233	1.62	383.90	911	5.6827%	Zinc	--	µg/L	60.7	28.3	#VALUE!	125.6157871
5439000	11/10/1994	233	233	1.62	383.90	911	5.6827%	Zinc	--	µg/L	60.7	28.3	#VALUE!	125.6157871
5439000	1/11/2008	233	233	1.62	383.90	911	5.6827%	Zinc	--	µg/L	60.7	28.3	#VALUE!	125.6157871
5439000	6/13/2009	233	233	1.62	383.90	911	5.6827%	Zinc	--	µg/L	60.7	28.3	#VALUE!	125.6157871
5439000	11/28/1926	232	232	1.62	382.29	917	5.7202%	Zinc	--	µg/L	60.7	28.3	#VALUE!	125.0866628
5439000	2/7/1927	232	232	1.62	382.29	917	5.7202%	Zinc	--	µg/L	60.7	28.3	#VALUE!	125.0866628
5439000	4/14/1981	232	232	1.62	382.29	917	5.7202%	Zinc	--	µg/L	60.7	28.3	#VALUE!	125.0866628
5439000	5/30/1984	232	232	1.62	382.29	917	5.7202%	Zinc	--	µg/L	60.7	28.3	#VALUE!	125.0866628
5439000	11/4/1985	232	232	1.62	382.29	917	5.7202%	Zinc	--	µg/L	60.7	28.3	#VALUE!	125.0866628
5439000	12/4/1985	232	232	1.62	382.29	917	5.7202%	Zinc	--	µg/L	60.7	28.3	#VALUE!	125.0866628
5439000	12/11/1987	232	232	1.62	382.29	917	5.7202%	Zinc	--	µg/L	60.7	28.3	#VALUE!	125.0866628
5439000	12/9/1991	232	232	1.62	382.29	917	5.7202%	Zinc	--	µg/L	60.7	28.3	#VALUE!	125.0866628
5439000	3/23/1994	232	232	1.62	382.29	917	5.7202%	Zinc	--	µg/L	60.7	28.3	#VALUE!	125.0866628
5439000	5/12/2015	232	232	1.62	382.29	917	5.7202%	Zinc	--	µg/L	60.7	28.3	#VALUE!	125.0866628
5439000	8/1/1989	231	231	1.62	380.67	927	5.7825%	Zinc	--	µg/L	60.7	28.3	#VALUE!	124.5575385
5439000	5/12/1995	231	231	1.62	380.67	927	5.7825%	Zinc	--	µg/L	60.7	28.3	#VALUE!	124.5575385
5439000	3/4/1997	231	231	1.62	380.67	927	5.7825%	Zinc	--	µg/L	60.7	28.3	#VALUE!	124.5575385
5439000	4/27/1999	231	231	1.62	380.67	927	5.7825%	Zinc	--	µg/L	60.7	28.3	#VALUE!	124.5575385

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/2/2008	231	231	1.62	380.67	927	5.7825%	Zinc	--	µg/L	60.7	28.3	#VALUE!	124.5575385
5439000	9/1/1980	230	230	1.62	379.05	932	5.8137%	Zinc	--	µg/L	60.7	28.3	#VALUE!	124.0284142
5439000	11/23/1985	230	230	1.62	379.05	932	5.8137%	Zinc	--	µg/L	60.7	28.3	#VALUE!	124.0284142
5439000	3/30/1993	230	230	1.62	379.05	932	5.8137%	Zinc	--	µg/L	60.7	28.3	#VALUE!	124.0284142
5439000	4/6/1993	230	230	1.62	379.05	932	5.8137%	Zinc	--	µg/L	60.7	28.3	#VALUE!	124.0284142
5439000	4/23/1993	230	230	1.62	379.05	932	5.8137%	Zinc	--	µg/L	60.7	28.3	#VALUE!	124.0284142
5439000	6/6/1996	230	230	1.62	379.05	932	5.8137%	Zinc	--	µg/L	60.7	28.3	#VALUE!	124.0284142
5439000	1/7/1998	230	230	1.62	379.05	932	5.8137%	Zinc	--	µg/L	60.7	28.3	#VALUE!	124.0284142
5439000	3/15/2013	230	230	1.62	379.05	932	5.8137%	Zinc	--	µg/L	60.7	28.3	#VALUE!	124.0284142
5439000	7/2/2013	230	230	1.62	379.05	932	5.8137%	Zinc	--	µg/L	60.7	28.3	#VALUE!	124.0284142
5439000	8/21/1980	229	229	1.62	377.43	941	5.8699%	Zinc	--	µg/L	60.7	28.3	#VALUE!	123.49929
5439000	3/24/1984	229	229	1.62	377.43	941	5.8699%	Zinc	--	µg/L	60.7	28.3	#VALUE!	123.49929
5439000	4/11/1993	229	229	1.62	377.43	941	5.8699%	Zinc	--	µg/L	60.7	28.3	#VALUE!	123.49929
5439000	6/16/1999	229	229	1.62	377.43	941	5.8699%	Zinc	--	µg/L	60.7	28.3	#VALUE!	123.49929
5439000	5/5/2003	229	229	1.62	377.43	941	5.8699%	Zinc	--	µg/L	60.7	28.3	#VALUE!	123.49929
5439000	12/22/2006	229	229	1.62	377.43	941	5.8699%	Zinc	--	µg/L	60.7	28.3	#VALUE!	123.49929
5439000	12/22/1987	228	228	1.62	375.82	947	5.9073%	Zinc	--	µg/L	60.7	28.3	#VALUE!	122.9701657
5439000	6/30/1990	228	228	1.62	375.82	947	5.9073%	Zinc	--	µg/L	60.7	28.3	#VALUE!	122.9701657
5439000	2/6/1993	228	228	1.62	375.82	947	5.9073%	Zinc	--	µg/L	60.7	28.3	#VALUE!	122.9701657
5439000	2/19/2008	228	228	1.62	375.82	947	5.9073%	Zinc	--	µg/L	60.7	28.3	#VALUE!	122.9701657
5439000	6/19/2010	228	228	1.62	375.82	947	5.9073%	Zinc	--	µg/L	60.7	28.3	#VALUE!	122.9701657
5439000	8/5/2010	228	228	1.62	375.82	947	5.9073%	Zinc	--	µg/L	60.7	28.3	#VALUE!	122.9701657
5439000	3/9/2011	228	228	1.62	375.82	947	5.9073%	Zinc	--	µg/L	60.7	28.3	#VALUE!	122.9701657
5439000	4/28/2011	228	228	1.62	375.82	947	5.9073%	Zinc	--	µg/L	60.7	28.3	#VALUE!	122.9701657
5439000	5/17/2011	228	228	1.62	375.82	947	5.9073%	Zinc	--	µg/L	60.7	28.3	#VALUE!	122.9701657
5439000	6/3/2011	228	228	1.62	375.82	947	5.9073%	Zinc	--	µg/L	60.7	28.3	#VALUE!	122.9701657
5439000	6/17/1993	227	227	1.62	374.20	957	5.9697%	Zinc	--	µg/L	60.7	28.3	#VALUE!	122.4410414
5439000	6/22/1993	227	227	1.62	374.20	957	5.9697%	Zinc	--	µg/L	60.7	28.3	#VALUE!	122.4410414
5439000	5/11/1996	227	227	1.62	374.20	957	5.9697%	Zinc	--	µg/L	60.7	28.3	#VALUE!	122.4410414
5439000	4/26/1999	227	227	1.62	374.20	957	5.9697%	Zinc	--	µg/L	60.7	28.3	#VALUE!	122.4410414
5439000	2/13/2001	227	227	1.62	374.20	957	5.9697%	Zinc	--	µg/L	60.7	28.3	#VALUE!	122.4410414

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/18/2002	227	227	1.62	374.20	957	5.9697%	Zinc	--	µg/L	60.7	28.3	#VALUE!	122.4410414
5439000	7/14/2008	227	227	1.62	374.20	957	5.9697%	Zinc	--	µg/L	60.7	28.3	#VALUE!	122.4410414
5439000	5/7/2012	227	227	1.62	374.20	957	5.9697%	Zinc	--	µg/L	60.7	28.3	#VALUE!	122.4410414
5439000	9/6/1989	226	226	1.62	372.58	965	6.0196%	Zinc	--	µg/L	60.7	28.3	#VALUE!	121.9119171
5439000	4/2/1998	226	226	1.62	372.58	965	6.0196%	Zinc	--	µg/L	60.7	28.3	#VALUE!	121.9119171
5439000	1/27/1999	226	226	1.62	372.58	965	6.0196%	Zinc	--	µg/L	60.7	28.3	#VALUE!	121.9119171
5439000	12/7/1998	225	225	1.62	370.97	968	6.0383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	121.3827928
5439000	2/14/2001	225	225	1.62	370.97	968	6.0383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	121.3827928
5439000	9/1/2007	225	225	1.62	370.97	968	6.0383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	121.3827928
5439000	2/13/2009	225	225	1.62	370.97	968	6.0383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	121.3827928
5439000	5/27/2009	225	225	1.62	370.97	968	6.0383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	121.3827928
5439000	6/10/2009	225	225	1.62	370.97	968	6.0383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	121.3827928
5439000	6/23/2015	225	225	1.62	370.97	968	6.0383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	121.3827928
5439000	2/27/1930	224	224	1.62	369.35	975	6.0820%	Zinc	--	µg/L	60.7	28.3	#VALUE!	120.8536686
5439000	4/22/1930	224	224	1.62	369.35	975	6.0820%	Zinc	--	µg/L	60.7	28.3	#VALUE!	120.8536686
5439000	5/6/1933	224	224	1.62	369.35	975	6.0820%	Zinc	--	µg/L	60.7	28.3	#VALUE!	120.8536686
5439000	5/11/1933	224	224	1.62	369.35	975	6.0820%	Zinc	--	µg/L	60.7	28.3	#VALUE!	120.8536686
5439000	5/12/1933	224	224	1.62	369.35	975	6.0820%	Zinc	--	µg/L	60.7	28.3	#VALUE!	120.8536686
5439000	6/30/1933	224	224	1.62	369.35	975	6.0820%	Zinc	--	µg/L	60.7	28.3	#VALUE!	120.8536686
5439000	7/25/1996	224	224	1.62	369.35	975	6.0820%	Zinc	--	µg/L	60.7	28.3	#VALUE!	120.8536686
5439000	2/26/2000	224	224	1.62	369.35	975	6.0820%	Zinc	--	µg/L	60.7	28.3	#VALUE!	120.8536686
5439000	5/14/2003	224	224	1.62	369.35	975	6.0820%	Zinc	--	µg/L	60.7	28.3	#VALUE!	120.8536686
5439000	3/15/2007	224	224	1.62	369.35	975	6.0820%	Zinc	--	µg/L	60.7	28.3	#VALUE!	120.8536686
5439000	4/22/2011	224	224	1.62	369.35	975	6.0820%	Zinc	--	µg/L	60.7	28.3	#VALUE!	120.8536686
5439000	4/26/2013	224	224	1.62	369.35	975	6.0820%	Zinc	--	µg/L	60.7	28.3	#VALUE!	120.8536686
5439000	9/23/1980	223	223	1.62	367.73	987	6.1568%	Zinc	--	µg/L	60.7	28.3	#VALUE!	120.3245443
5439000	4/12/1982	223	223	1.62	367.73	987	6.1568%	Zinc	--	µg/L	60.7	28.3	#VALUE!	120.3245443
5439000	11/12/1982	223	223	1.62	367.73	987	6.1568%	Zinc	--	µg/L	60.7	28.3	#VALUE!	120.3245443
5439000	5/30/1991	223	223	1.62	367.73	987	6.1568%	Zinc	--	µg/L	60.7	28.3	#VALUE!	120.3245443
5439000	3/9/1998	223	223	1.62	367.73	987	6.1568%	Zinc	--	µg/L	60.7	28.3	#VALUE!	120.3245443
5439000	1/1/2011	223	223	1.62	367.73	987	6.1568%	Zinc	--	µg/L	60.7	28.3	#VALUE!	120.3245443

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/23/1928	222	222	1.62	366.11	993	6.1942%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.79542
5439000	2/28/1929	222	222	1.62	366.11	993	6.1942%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.79542
5439000	3/21/1929	222	222	1.62	366.11	993	6.1942%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.79542
5439000	4/28/1929	222	222	1.62	366.11	993	6.1942%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.79542
5439000	6/17/1929	222	222	1.62	366.11	993	6.1942%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.79542
5439000	6/20/1929	222	222	1.62	366.11	993	6.1942%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.79542
5439000	4/16/1980	222	222	1.62	366.11	993	6.1942%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.79542
5439000	4/1/1983	222	222	1.62	366.11	993	6.1942%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.79542
5439000	4/3/1988	222	222	1.62	366.11	993	6.1942%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.79542
5439000	3/9/1993	222	222	1.62	366.11	993	6.1942%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.79542
5439000	3/17/1999	222	222	1.62	366.11	993	6.1942%	Zinc	100.00	µg/L	60.7	28.3	197.3565404	119.79542
5439000	2/15/2001	222	222	1.62	366.11	993	6.1942%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.79542
5439000	5/17/2009	222	222	1.62	366.11	993	6.1942%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.79542
5439000	9/27/1926	221	221	1.62	364.50	1006	6.2753%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.2662957
5439000	10/1/1926	221	221	1.62	364.50	1006	6.2753%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.2662957
5439000	10/7/1926	221	221	1.62	364.50	1006	6.2753%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.2662957
5439000	11/21/1926	221	221	1.62	364.50	1006	6.2753%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.2662957
5439000	2/2/1927	221	221	1.62	364.50	1006	6.2753%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.2662957
5439000	4/12/1980	221	221	1.62	364.50	1006	6.2753%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.2662957
5439000	5/31/1982	221	221	1.62	364.50	1006	6.2753%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.2662957
5439000	7/9/1982	221	221	1.62	364.50	1006	6.2753%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.2662957
5439000	1/23/1993	221	221	1.62	364.50	1006	6.2753%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.2662957
5439000	5/5/1993	221	221	1.62	364.50	1006	6.2753%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.2662957
5439000	9/14/1993	221	221	1.62	364.50	1006	6.2753%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.2662957
5439000	5/15/1999	221	221	1.62	364.50	1006	6.2753%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.2662957
5439000	9/21/2008	221	221	1.62	364.50	1006	6.2753%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.2662957
5439000	3/27/2009	221	221	1.62	364.50	1006	6.2753%	Zinc	--	µg/L	60.7	28.3	#VALUE!	119.2662957
5439000	6/2/1980	220	220	1.62	362.88	1020	6.3627%	Zinc	--	µg/L	60.7	28.3	#VALUE!	118.7371714
5439000	9/21/1980	220	220	1.62	362.88	1020	6.3627%	Zinc	--	µg/L	60.7	28.3	#VALUE!	118.7371714
5439000	3/11/1985	220	220	1.62	362.88	1020	6.3627%	Zinc	--	µg/L	60.7	28.3	#VALUE!	118.7371714
5439000	12/30/1992	220	220	1.62	362.88	1020	6.3627%	Zinc	--	µg/L	60.7	28.3	#VALUE!	118.7371714

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/29/1993	220	220	1.62	362.88	1020	6.3627%	Zinc	--	µg/L	60.7	28.3	#VALUE!	118.7371714
5439000	3/18/1999	220	220	1.62	362.88	1020	6.3627%	Zinc	--	µg/L	60.7	28.3	#VALUE!	118.7371714
5439000	4/27/2009	220	220	1.62	362.88	1020	6.3627%	Zinc	--	µg/L	60.7	28.3	#VALUE!	118.7371714
5439000	4/8/1980	219	219	1.62	361.26	1027	6.4063%	Zinc	--	µg/L	60.7	28.3	#VALUE!	118.2080472
5439000	5/11/2010	219	219	1.62	361.26	1027	6.4063%	Zinc	--	µg/L	60.7	28.3	#VALUE!	118.2080472
5439000	3/22/2014	219	219	1.62	361.26	1027	6.4063%	Zinc	--	µg/L	60.7	28.3	#VALUE!	118.2080472
5439000	7/22/1928	218	218	1.62	359.65	1030	6.4251%	Zinc	--	µg/L	60.7	28.3	#VALUE!	117.6789229
5439000	12/28/1982	218	218	1.62	359.65	1030	6.4251%	Zinc	--	µg/L	60.7	28.3	#VALUE!	117.6789229
5439000	11/15/1985	218	218	1.62	359.65	1030	6.4251%	Zinc	--	µg/L	60.7	28.3	#VALUE!	117.6789229
5439000	4/24/1987	218	218	1.62	359.65	1030	6.4251%	Zinc	--	µg/L	60.7	28.3	#VALUE!	117.6789229
5439000	7/1/1993	218	218	1.62	359.65	1030	6.4251%	Zinc	--	µg/L	60.7	28.3	#VALUE!	117.6789229
5439000	2/24/2001	218	218	1.62	359.65	1030	6.4251%	Zinc	--	µg/L	60.7	28.3	#VALUE!	117.6789229
5439000	3/19/2001	218	218	1.62	359.65	1030	6.4251%	Zinc	--	µg/L	60.7	28.3	#VALUE!	117.6789229
5439000	7/13/2014	218	218	1.62	359.65	1030	6.4251%	Zinc	--	µg/L	60.7	28.3	#VALUE!	117.6789229
5439000	4/18/1982	217	217	1.62	358.03	1038	6.4750%	Zinc	--	µg/L	60.7	28.3	#VALUE!	117.1497986
5439000	12/11/1982	217	217	1.62	358.03	1038	6.4750%	Zinc	--	µg/L	60.7	28.3	#VALUE!	117.1497986
5439000	7/9/1983	217	217	1.62	358.03	1038	6.4750%	Zinc	--	µg/L	60.7	28.3	#VALUE!	117.1497986
5439000	2/6/1991	217	217	1.62	358.03	1038	6.4750%	Zinc	--	µg/L	60.7	28.3	#VALUE!	117.1497986
5439000	7/26/1993	217	217	1.62	358.03	1038	6.4750%	Zinc	--	µg/L	60.7	28.3	#VALUE!	117.1497986
5439000	6/11/1996	217	217	1.62	358.03	1038	6.4750%	Zinc	--	µg/L	60.7	28.3	#VALUE!	117.1497986
5439000	6/5/2004	217	217	1.62	358.03	1038	6.4750%	Zinc	--	µg/L	60.7	28.3	#VALUE!	117.1497986
5439000	7/11/2007	217	217	1.62	358.03	1038	6.4750%	Zinc	--	µg/L	60.7	28.3	#VALUE!	117.1497986
5439000	2/23/1994	216	216	1.62	356.41	1046	6.5249%	Zinc	--	µg/L	60.7	28.3	#VALUE!	116.6206743
5439000	3/20/2001	216	216	1.62	356.41	1046	6.5249%	Zinc	--	µg/L	60.7	28.3	#VALUE!	116.6206743
5439000	12/23/2006	216	216	1.62	356.41	1046	6.5249%	Zinc	--	µg/L	60.7	28.3	#VALUE!	116.6206743
5439000	3/26/2007	216	216	1.62	356.41	1046	6.5249%	Zinc	--	µg/L	60.7	28.3	#VALUE!	116.6206743
5439000	4/9/1980	215	215	1.62	354.79	1050	6.5498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	116.09155
5439000	7/4/1982	215	215	1.62	354.79	1050	6.5498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	116.09155
5439000	3/10/1985	215	215	1.62	354.79	1050	6.5498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	116.09155
5439000	6/28/1993	215	215	1.62	354.79	1050	6.5498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	116.09155
5439000	4/10/1988	214	214	1.62	353.18	1054	6.5748%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.5624258

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/8/1989	214	214	1.62	353.18	1054	6.5748%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.5624258
5439000	1/16/1995	214	214	1.62	353.18	1054	6.5748%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.5624258
5439000	4/19/1998	214	214	1.62	353.18	1054	6.5748%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.5624258
5439000	3/10/2002	214	214	1.62	353.18	1054	6.5748%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.5624258
5439000	5/17/2004	214	214	1.62	353.18	1054	6.5748%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.5624258
5439000	5/27/2004	214	214	1.62	353.18	1054	6.5748%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.5624258
5439000	3/14/2009	214	214	1.62	353.18	1054	6.5748%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.5624258
5439000	12/30/2009	214	214	1.62	353.18	1054	6.5748%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.5624258
5439000	4/24/2011	214	214	1.62	353.18	1054	6.5748%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.5624258
5439000	5/13/1933	213	213	1.62	351.56	1064	6.6371%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.0333015
5439000	4/24/1981	213	213	1.62	351.56	1064	6.6371%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.0333015
5439000	12/27/1982	213	213	1.62	351.56	1064	6.6371%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.0333015
5439000	11/29/1983	213	213	1.62	351.56	1064	6.6371%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.0333015
5439000	8/7/1989	213	213	1.62	351.56	1064	6.6371%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.0333015
5439000	3/17/1991	213	213	1.62	351.56	1064	6.6371%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.0333015
5439000	6/21/1996	213	213	1.62	351.56	1064	6.6371%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.0333015
5439000	5/6/1999	213	213	1.62	351.56	1064	6.6371%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.0333015
5439000	5/7/1999	213	213	1.62	351.56	1064	6.6371%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.0333015
5439000	12/13/2006	213	213	1.62	351.56	1064	6.6371%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.0333015
5439000	12/10/2008	213	213	1.62	351.56	1064	6.6371%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.0333015
5439000	5/13/2011	213	213	1.62	351.56	1064	6.6371%	Zinc	--	µg/L	60.7	28.3	#VALUE!	115.0333015
5439000	9/22/1980	212	212	1.62	349.94	1076	6.7120%	Zinc	--	µg/L	60.7	28.3	#VALUE!	114.5041772
5439000	4/15/1983	212	212	1.62	349.94	1076	6.7120%	Zinc	--	µg/L	60.7	28.3	#VALUE!	114.5041772
5439000	5/4/1993	212	212	1.62	349.94	1076	6.7120%	Zinc	--	µg/L	60.7	28.3	#VALUE!	114.5041772
5439000	12/16/1928	211	211	1.62	348.33	1079	6.7307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.9750529
5439000	3/8/1929	211	211	1.62	348.33	1079	6.7307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.9750529
5439000	3/25/1929	211	211	1.62	348.33	1079	6.7307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.9750529
5439000	5/27/1983	211	211	1.62	348.33	1079	6.7307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.9750529
5439000	1/23/1988	211	211	1.62	348.33	1079	6.7307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.9750529
5439000	5/14/1990	211	211	1.62	348.33	1079	6.7307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.9750529
5439000	6/28/1994	211	211	1.62	348.33	1079	6.7307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.9750529

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/13/1995	211	211	1.62	348.33	1079	6.7307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.9750529
5439000	7/9/2007	211	211	1.62	348.33	1079	6.7307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.9750529
5439000	5/17/2010	211	211	1.62	348.33	1079	6.7307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.9750529
5439000	5/8/2015	211	211	1.62	348.33	1079	6.7307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.9750529
5439000	3/3/1926	210	210	1.62	346.71	1090	6.7993%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.4459286
5439000	4/12/1926	210	210	1.62	346.71	1090	6.7993%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.4459286
5439000	6/18/1926	210	210	1.62	346.71	1090	6.7993%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.4459286
5439000	11/29/1926	210	210	1.62	346.71	1090	6.7993%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.4459286
5439000	4/16/1927	210	210	1.62	346.71	1090	6.7993%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.4459286
5439000	4/23/1927	210	210	1.62	346.71	1090	6.7993%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.4459286
5439000	5/1/1927	210	210	1.62	346.71	1090	6.7993%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.4459286
5439000	5/10/1927	210	210	1.62	346.71	1090	6.7993%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.4459286
5439000	5/30/1927	210	210	1.62	346.71	1090	6.7993%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.4459286
5439000	11/29/1927	210	210	1.62	346.71	1090	6.7993%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.4459286
5439000	4/10/1928	210	210	1.62	346.71	1090	6.7993%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.4459286
5439000	9/2/1987	210	210	1.62	346.71	1090	6.7993%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.4459286
5439000	11/14/1992	210	210	1.62	346.71	1090	6.7993%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.4459286
5439000	11/28/1992	210	210	1.62	346.71	1090	6.7993%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.4459286
5439000	1/2/2011	210	210	1.62	346.71	1090	6.7993%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.4459286
5439000	4/12/2013	210	210	1.62	346.71	1090	6.7993%	Zinc	--	µg/L	60.7	28.3	#VALUE!	113.4459286
5439000	8/15/1980	209	209	1.62	345.09	1106	6.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	112.9168044
5439000	2/23/1981	209	209	1.62	345.09	1106	6.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	112.9168044
5439000	4/23/1984	209	209	1.62	345.09	1106	6.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	112.9168044
5439000	11/12/1985	209	209	1.62	345.09	1106	6.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	112.9168044
5439000	4/1/1988	209	209	1.62	345.09	1106	6.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	112.9168044
5439000	2/22/2011	209	209	1.62	345.09	1106	6.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	112.9168044
5439000	6/14/2011	209	209	1.62	345.09	1106	6.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	112.9168044
5439000	4/11/1982	208	208	1.62	343.48	1113	6.9428%	Zinc	--	µg/L	60.7	28.3	#VALUE!	112.3876801
5439000	3/6/1986	208	208	1.62	343.48	1113	6.9428%	Zinc	--	µg/L	60.7	28.3	#VALUE!	112.3876801
5439000	7/22/2007	208	208	1.62	343.48	1113	6.9428%	Zinc	--	µg/L	60.7	28.3	#VALUE!	112.3876801
5439000	4/28/2009	208	208	1.62	343.48	1113	6.9428%	Zinc	--	µg/L	60.7	28.3	#VALUE!	112.3876801

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/17/2011	208	208	1.62	343.48	1113	6.9428%	Zinc	--	µg/L	60.7	28.3	#VALUE!	112.3876801
5439000	10/17/1980	207	207	1.62	341.86	1118	6.9740%	Zinc	--	µg/L	60.7	28.3	#VALUE!	111.8585558
5439000	5/27/1982	207	207	1.62	341.86	1118	6.9740%	Zinc	--	µg/L	60.7	28.3	#VALUE!	111.8585558
5439000	6/26/1982	207	207	1.62	341.86	1118	6.9740%	Zinc	--	µg/L	60.7	28.3	#VALUE!	111.8585558
5439000	3/14/1986	207	207	1.62	341.86	1118	6.9740%	Zinc	--	µg/L	60.7	28.3	#VALUE!	111.8585558
5439000	6/13/1987	207	207	1.62	341.86	1118	6.9740%	Zinc	--	µg/L	60.7	28.3	#VALUE!	111.8585558
5439000	12/1/1990	207	207	1.62	341.86	1118	6.9740%	Zinc	--	µg/L	60.7	28.3	#VALUE!	111.8585558
5439000	3/20/1994	207	207	1.62	341.86	1118	6.9740%	Zinc	--	µg/L	60.7	28.3	#VALUE!	111.8585558
5439000	4/20/1998	207	207	1.62	341.86	1118	6.9740%	Zinc	--	µg/L	60.7	28.3	#VALUE!	111.8585558
5439000	4/15/2008	207	207	1.62	341.86	1118	6.9740%	Zinc	--	µg/L	60.7	28.3	#VALUE!	111.8585558
5439000	11/3/2009	207	207	1.62	341.86	1118	6.9740%	Zinc	--	µg/L	60.7	28.3	#VALUE!	111.8585558
5439000	2/11/2013	207	207	1.62	341.86	1118	6.9740%	Zinc	--	µg/L	60.7	28.3	#VALUE!	111.8585558
5439000	7/5/2014	207	207	1.62	341.86	1118	6.9740%	Zinc	--	µg/L	60.7	28.3	#VALUE!	111.8585558
5439000	5/9/2015	207	207	1.62	341.86	1118	6.9740%	Zinc	--	µg/L	60.7	28.3	#VALUE!	111.8585558
5439000	8/23/1987	206	206	1.62	340.24	1131	7.0551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	111.3294315
5439000	3/18/1990	206	206	1.62	340.24	1131	7.0551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	111.3294315
5439000	3/7/1992	206	206	1.62	340.24	1131	7.0551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	111.3294315
5439000	6/10/1996	206	206	1.62	340.24	1131	7.0551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	111.3294315
5439000	12/23/1987	205	205	1.62	338.62	1135	7.0800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	110.8003073
5439000	12/28/1987	205	205	1.62	338.62	1135	7.0800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	110.8003073
5439000	6/4/1989	205	205	1.62	338.62	1135	7.0800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	110.8003073
5439000	1/7/1993	205	205	1.62	338.62	1135	7.0800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	110.8003073
5439000	6/26/2000	205	205	1.62	338.62	1135	7.0800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	110.8003073
5439000	1/6/2008	205	205	1.62	338.62	1135	7.0800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	110.8003073
5439000	5/14/2008	205	205	1.62	338.62	1135	7.0800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	110.8003073
5439000	3/11/2015	205	205	1.62	338.62	1135	7.0800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	110.8003073
5439000	4/26/2015	205	205	1.62	338.62	1135	7.0800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	110.8003073
5439000	11/23/1983	204	204	1.62	337.01	1144	7.1362%	Zinc	--	µg/L	60.7	28.3	#VALUE!	110.271183
5439000	3/12/1985	204	204	1.62	337.01	1144	7.1362%	Zinc	--	µg/L	60.7	28.3	#VALUE!	110.271183
5439000	12/27/1987	204	204	1.62	337.01	1144	7.1362%	Zinc	--	µg/L	60.7	28.3	#VALUE!	110.271183
5439000	5/8/1997	204	204	1.62	337.01	1144	7.1362%	Zinc	--	µg/L	60.7	28.3	#VALUE!	110.271183

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/13/2013	204	204	1.62	337.01	1144	7.1362%	Zinc	--	µg/L	60.7	28.3	#VALUE!	110.271183
5439000	3/22/1982	203	203	1.62	335.39	1149	7.1674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	109.7420587
5439000	6/30/1982	203	203	1.62	335.39	1149	7.1674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	109.7420587
5439000	2/21/1983	203	203	1.62	335.39	1149	7.1674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	109.7420587
5439000	5/12/1998	203	203	1.62	335.39	1149	7.1674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	109.7420587
5439000	4/22/2009	203	203	1.62	335.39	1149	7.1674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	109.7420587
5439000	5/15/2009	203	203	1.62	335.39	1149	7.1674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	109.7420587
5439000	4/19/1930	202	202	1.62	333.77	1155	7.2048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	109.2129344
5439000	11/25/1931	202	202	1.62	333.77	1155	7.2048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	109.2129344
5439000	3/4/1932	202	202	1.62	333.77	1155	7.2048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	109.2129344
5439000	3/31/1932	202	202	1.62	333.77	1155	7.2048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	109.2129344
5439000	5/3/1933	202	202	1.62	333.77	1155	7.2048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	109.2129344
5439000	4/4/1988	202	202	1.62	333.77	1155	7.2048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	109.2129344
5439000	4/24/1993	202	202	1.62	333.77	1155	7.2048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	109.2129344
5439000	5/18/2004	202	202	1.62	333.77	1155	7.2048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	109.2129344
5439000	3/11/2011	202	202	1.62	333.77	1155	7.2048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	109.2129344
5439000	6/24/2014	202	202	1.62	333.77	1155	7.2048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	109.2129344
5439000	5/23/1986	201	201	1.62	332.16	1165	7.2672%	Zinc	--	µg/L	60.7	28.3	#VALUE!	108.6838101
5439000	3/17/2001	201	201	1.62	332.16	1165	7.2672%	Zinc	--	µg/L	60.7	28.3	#VALUE!	108.6838101
5439000	11/22/1926	200	200	1.62	330.54	1167	7.2796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	108.1546859
5439000	3/2/1929	200	200	1.62	330.54	1167	7.2796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	108.1546859
5439000	4/5/1929	200	200	1.62	330.54	1167	7.2796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	108.1546859
5439000	3/22/1991	200	200	1.62	330.54	1167	7.2796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	108.1546859
5439000	12/19/1992	200	200	1.62	330.54	1167	7.2796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	108.1546859
5439000	4/7/1993	200	200	1.62	330.54	1167	7.2796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	108.1546859
5439000	5/31/1995	200	200	1.62	330.54	1167	7.2796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	108.1546859
5439000	6/5/1995	200	200	1.62	330.54	1167	7.2796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	108.1546859
5439000	6/14/1998	200	200	1.62	330.54	1167	7.2796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	108.1546859
5439000	3/21/2001	200	200	1.62	330.54	1167	7.2796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	108.1546859
5439000	5/3/2009	200	200	1.62	330.54	1167	7.2796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	108.1546859
5439000	11/27/1990	199	199	1.62	328.92	1178	7.3483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	107.6255616

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/14/1995	199	199	1.62	328.92	1178	7.3483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	107.6255616
5439000	2/13/1998	199	199	1.62	328.92	1178	7.3483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	107.6255616
5439000	6/4/1999	199	199	1.62	328.92	1178	7.3483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	107.6255616
5439000	2/15/2005	199	199	1.62	328.92	1178	7.3483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	107.6255616
5439000	9/2/2007	199	199	1.62	328.92	1178	7.3483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	107.6255616
5439000	7/13/2015	199	199	1.62	328.92	1178	7.3483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	107.6255616
5439000	9/2/1980	198	198	1.62	327.30	1185	7.3919%	Zinc	--	µg/L	60.7	28.3	#VALUE!	107.0964373
5439000	11/1/1985	198	198	1.62	327.30	1185	7.3919%	Zinc	--	µg/L	60.7	28.3	#VALUE!	107.0964373
5439000	3/11/1989	198	198	1.62	327.30	1185	7.3919%	Zinc	--	µg/L	60.7	28.3	#VALUE!	107.0964373
5439000	3/3/1991	198	198	1.62	327.30	1185	7.3919%	Zinc	--	µg/L	60.7	28.3	#VALUE!	107.0964373
5439000	8/24/1993	198	198	1.62	327.30	1185	7.3919%	Zinc	--	µg/L	60.7	28.3	#VALUE!	107.0964373
5439000	2/24/1994	198	198	1.62	327.30	1185	7.3919%	Zinc	--	µg/L	60.7	28.3	#VALUE!	107.0964373
5439000	3/17/2010	198	198	1.62	327.30	1185	7.3919%	Zinc	--	µg/L	60.7	28.3	#VALUE!	107.0964373
5439000	5/29/1983	197	197	1.62	325.69	1192	7.4356%	Zinc	--	µg/L	60.7	28.3	#VALUE!	106.567313
5439000	6/7/1984	197	197	1.62	325.69	1192	7.4356%	Zinc	--	µg/L	60.7	28.3	#VALUE!	106.567313
5439000	11/28/1987	197	197	1.62	325.69	1192	7.4356%	Zinc	--	µg/L	60.7	28.3	#VALUE!	106.567313
5439000	6/19/1981	196	196	1.62	324.07	1195	7.4543%	Zinc	--	µg/L	60.7	28.3	#VALUE!	106.0381887
5439000	3/27/1983	196	196	1.62	324.07	1195	7.4543%	Zinc	--	µg/L	60.7	28.3	#VALUE!	106.0381887
5439000	5/6/1993	196	196	1.62	324.07	1195	7.4543%	Zinc	--	µg/L	60.7	28.3	#VALUE!	106.0381887
5439000	4/25/2007	196	196	1.62	324.07	1195	7.4543%	Zinc	--	µg/L	60.7	28.3	#VALUE!	106.0381887
5439000	10/26/2009	196	196	1.62	324.07	1195	7.4543%	Zinc	--	µg/L	60.7	28.3	#VALUE!	106.0381887
5439000	3/7/2011	196	196	1.62	324.07	1195	7.4543%	Zinc	--	µg/L	60.7	28.3	#VALUE!	106.0381887
5439000	8/12/1980	195	195	1.62	322.45	1201	7.4917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	105.5090645
5439000	3/10/1993	195	195	1.62	322.45	1201	7.4917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	105.5090645
5439000	3/29/2004	195	195	1.62	322.45	1201	7.4917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	105.5090645
5439000	5/10/2015	195	195	1.62	322.45	1201	7.4917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	105.5090645
5439000	6/25/2015	195	195	1.62	322.45	1201	7.4917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	105.5090645
5439000	3/18/1982	194	194	1.62	320.84	1206	7.5229%	Zinc	--	µg/L	60.7	28.3	#VALUE!	104.9799402
5439000	3/1/2009	194	194	1.62	320.84	1206	7.5229%	Zinc	--	µg/L	60.7	28.3	#VALUE!	104.9799402
5439000	6/27/2010	194	194	1.62	320.84	1206	7.5229%	Zinc	--	µg/L	60.7	28.3	#VALUE!	104.9799402
5439000	6/29/1982	193	193	1.62	319.22	1209	7.5416%	Zinc	--	µg/L	60.7	28.3	#VALUE!	104.4508159

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/1/1991	193	193	1.62	319.22	1209	7.5416%	Zinc	--	µg/L	60.7	28.3	#VALUE!	104.4508159
5439000	6/13/1993	193	193	1.62	319.22	1209	7.5416%	Zinc	--	µg/L	60.7	28.3	#VALUE!	104.4508159
5439000	11/11/1994	193	193	1.62	319.22	1209	7.5416%	Zinc	--	µg/L	60.7	28.3	#VALUE!	104.4508159
5439000	8/10/1996	193	193	1.62	319.22	1209	7.5416%	Zinc	--	µg/L	60.7	28.3	#VALUE!	104.4508159
5439000	1/13/2005	193	193	1.62	319.22	1209	7.5416%	Zinc	--	µg/L	60.7	28.3	#VALUE!	104.4508159
5439000	12/14/2006	193	193	1.62	319.22	1209	7.5416%	Zinc	--	µg/L	60.7	28.3	#VALUE!	104.4508159
5439000	4/29/2009	193	193	1.62	319.22	1209	7.5416%	Zinc	--	µg/L	60.7	28.3	#VALUE!	104.4508159
5439000	10/27/2009	193	193	1.62	319.22	1209	7.5416%	Zinc	--	µg/L	60.7	28.3	#VALUE!	104.4508159
5439000	6/28/2010	193	193	1.62	319.22	1209	7.5416%	Zinc	--	µg/L	60.7	28.3	#VALUE!	104.4508159
5439000	4/27/2013	193	193	1.62	319.22	1209	7.5416%	Zinc	--	µg/L	60.7	28.3	#VALUE!	104.4508159
5439000	1/19/1933	192	192	1.62	317.60	1220	7.6103%	Zinc	--	µg/L	60.7	28.3	#VALUE!	103.9216916
5439000	4/13/1982	192	192	1.62	317.60	1220	7.6103%	Zinc	--	µg/L	60.7	28.3	#VALUE!	103.9216916
5439000	7/26/1982	192	192	1.62	317.60	1220	7.6103%	Zinc	--	µg/L	60.7	28.3	#VALUE!	103.9216916
5439000	2/21/1984	192	192	1.62	317.60	1220	7.6103%	Zinc	--	µg/L	60.7	28.3	#VALUE!	103.9216916
5439000	3/25/1984	192	192	1.62	317.60	1220	7.6103%	Zinc	--	µg/L	60.7	28.3	#VALUE!	103.9216916
5439000	2/6/1986	192	192	1.62	317.60	1220	7.6103%	Zinc	--	µg/L	60.7	28.3	#VALUE!	103.9216916
5439000	7/31/1996	192	192	1.62	317.60	1220	7.6103%	Zinc	--	µg/L	60.7	28.3	#VALUE!	103.9216916
5439000	4/18/1999	192	192	1.62	317.60	1220	7.6103%	Zinc	--	µg/L	60.7	28.3	#VALUE!	103.9216916
5439000	3/15/2001	192	192	1.62	317.60	1220	7.6103%	Zinc	--	µg/L	60.7	28.3	#VALUE!	103.9216916
5439000	6/10/2002	192	192	1.62	317.60	1220	7.6103%	Zinc	--	µg/L	60.7	28.3	#VALUE!	103.9216916
5439000	4/29/2007	192	192	1.62	317.60	1220	7.6103%	Zinc	--	µg/L	60.7	28.3	#VALUE!	103.9216916
5439000	11/11/2011	192	192	1.62	317.60	1220	7.6103%	Zinc	--	µg/L	60.7	28.3	#VALUE!	103.9216916
5439000	3/15/2015	192	192	1.62	317.60	1220	7.6103%	Zinc	--	µg/L	60.7	28.3	#VALUE!	103.9216916
5439000	5/5/1990	191	191	1.62	315.98	1233	7.6913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	103.3925673
5439000	9/16/1993	191	191	1.62	315.98	1233	7.6913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	103.3925673
5439000	4/14/1995	191	191	1.62	315.98	1233	7.6913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	103.3925673
5439000	4/24/1998	191	191	1.62	315.98	1233	7.6913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	103.3925673
5439000	4/7/1926	190	190	1.62	314.37	1237	7.7163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	102.8634431
5439000	6/15/1926	190	190	1.62	314.37	1237	7.7163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	102.8634431
5439000	3/14/1927	190	190	1.62	314.37	1237	7.7163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	102.8634431
5439000	4/24/1927	190	190	1.62	314.37	1237	7.7163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	102.8634431

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/31/1927	190	190	1.62	314.37	1237	7.7163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	102.8634431
5439000	11/24/1928	190	190	1.62	314.37	1237	7.7163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	102.8634431
5439000	12/19/1928	190	190	1.62	314.37	1237	7.7163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	102.8634431
5439000	12/1/1987	190	190	1.62	314.37	1237	7.7163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	102.8634431
5439000	2/5/1993	190	190	1.62	314.37	1237	7.7163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	102.8634431
5439000	4/11/1998	190	190	1.62	314.37	1237	7.7163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	102.8634431
5439000	5/19/2002	190	190	1.62	314.37	1237	7.7163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	102.8634431
5439000	3/28/2009	190	190	1.62	314.37	1237	7.7163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	102.8634431
5439000	9/24/1980	189	189	1.62	312.75	1249	7.7912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	102.3343188
5439000	5/2/1981	189	189	1.62	312.75	1249	7.7912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	102.3343188
5439000	5/25/1987	189	189	1.62	312.75	1249	7.7912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	102.3343188
5439000	12/12/1987	189	189	1.62	312.75	1249	7.7912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	102.3343188
5439000	8/21/1990	189	189	1.62	312.75	1249	7.7912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	102.3343188
5439000	5/7/2009	189	189	1.62	312.75	1249	7.7912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	102.3343188
5439000	10/9/1927	188	188	1.62	311.13	1255	7.8286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	101.8051945
5439000	7/7/1928	188	188	1.62	311.13	1255	7.8286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	101.8051945
5439000	9/30/1993	188	188	1.62	311.13	1255	7.8286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	101.8051945
5439000	3/15/2009	188	188	1.62	311.13	1255	7.8286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	101.8051945
5439000	4/4/2009	188	188	1.62	311.13	1255	7.8286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	101.8051945
5439000	5/28/2009	188	188	1.62	311.13	1255	7.8286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	101.8051945
5439000	6/14/2013	188	188	1.62	311.13	1255	7.8286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	101.8051945
5439000	6/12/2014	188	188	1.62	311.13	1255	7.8286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	101.8051945
5439000	4/13/1980	187	187	1.62	309.52	1263	7.8785%	Zinc	--	µg/L	60.7	28.3	#VALUE!	101.2760702
5439000	12/29/1984	187	187	1.62	309.52	1263	7.8785%	Zinc	--	µg/L	60.7	28.3	#VALUE!	101.2760702
5439000	4/18/1991	187	187	1.62	309.52	1263	7.8785%	Zinc	--	µg/L	60.7	28.3	#VALUE!	101.2760702
5439000	4/29/1995	187	187	1.62	309.52	1263	7.8785%	Zinc	--	µg/L	60.7	28.3	#VALUE!	101.2760702
5439000	5/21/1996	187	187	1.62	309.52	1263	7.8785%	Zinc	--	µg/L	60.7	28.3	#VALUE!	101.2760702
5439000	3/18/2001	187	187	1.62	309.52	1263	7.8785%	Zinc	--	µg/L	60.7	28.3	#VALUE!	101.2760702
5439000	1/12/2008	187	187	1.62	309.52	1263	7.8785%	Zinc	--	µg/L	60.7	28.3	#VALUE!	101.2760702
5439000	4/8/2010	187	187	1.62	309.52	1263	7.8785%	Zinc	--	µg/L	60.7	28.3	#VALUE!	101.2760702
5439000	7/7/2015	187	187	1.62	309.52	1263	7.8785%	Zinc	--	µg/L	60.7	28.3	#VALUE!	101.2760702

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/17/1980	186	186	1.62	307.90	1272	7.9346%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.7469459
5439000	4/28/1981	186	186	1.62	307.90	1272	7.9346%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.7469459
5439000	5/15/1981	186	186	1.62	307.90	1272	7.9346%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.7469459
5439000	5/29/1982	186	186	1.62	307.90	1272	7.9346%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.7469459
5439000	12/29/1982	186	186	1.62	307.90	1272	7.9346%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.7469459
5439000	2/22/1983	186	186	1.62	307.90	1272	7.9346%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.7469459
5439000	4/16/1983	186	186	1.62	307.90	1272	7.9346%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.7469459
5439000	2/20/1986	186	186	1.62	307.90	1272	7.9346%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.7469459
5439000	6/3/1991	186	186	1.62	307.90	1272	7.9346%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.7469459
5439000	6/26/1996	186	186	1.62	307.90	1272	7.9346%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.7469459
5439000	3/5/1997	186	186	1.62	307.90	1272	7.9346%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.7469459
5439000	1/29/1999	186	186	1.62	307.90	1272	7.9346%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.7469459
5439000	6/10/2008	186	186	1.62	307.90	1272	7.9346%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.7469459
5439000	3/1/2011	186	186	1.62	307.90	1272	7.9346%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.7469459
5439000	3/12/1982	185	185	1.62	306.28	1286	8.0220%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.2178217
5439000	7/10/1983	185	185	1.62	306.28	1286	8.0220%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.2178217
5439000	5/23/1984	185	185	1.62	306.28	1286	8.0220%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.2178217
5439000	6/18/2000	185	185	1.62	306.28	1286	8.0220%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.2178217
5439000	6/6/2004	185	185	1.62	306.28	1286	8.0220%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.2178217
5439000	9/22/2008	185	185	1.62	306.28	1286	8.0220%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.2178217
5439000	6/15/2011	185	185	1.62	306.28	1286	8.0220%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.2178217
5439000	4/4/2014	185	185	1.62	306.28	1286	8.0220%	Zinc	--	µg/L	60.7	28.3	#VALUE!	100.2178217
5439000	7/11/1982	184	184	1.62	304.67	1294	8.0719%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.68869739
5439000	12/12/1982	184	184	1.62	304.67	1294	8.0719%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.68869739
5439000	3/13/1985	184	184	1.62	304.67	1294	8.0719%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.68869739
5439000	11/24/1985	184	184	1.62	304.67	1294	8.0719%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.68869739
5439000	12/5/1985	184	184	1.62	304.67	1294	8.0719%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.68869739
5439000	5/18/1991	184	184	1.62	304.67	1294	8.0719%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.68869739
5439000	4/12/1993	184	184	1.62	304.67	1294	8.0719%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.68869739
5439000	4/30/1999	184	184	1.62	304.67	1294	8.0719%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.68869739
5439000	5/17/1999	184	184	1.62	304.67	1294	8.0719%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.68869739

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/15/2003	184	184	1.62	304.67	1294	8.0719%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.68869739
5439000	3/7/2004	184	184	1.62	304.67	1294	8.0719%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.68869739
5439000	1/27/2010	184	184	1.62	304.67	1294	8.0719%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.68869739
5439000	6/3/1980	183	183	1.62	303.05	1306	8.1467%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.15957311
5439000	3/21/1983	183	183	1.62	303.05	1306	8.1467%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.15957311
5439000	3/14/1985	183	183	1.62	303.05	1306	8.1467%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.15957311
5439000	4/2/1988	183	183	1.62	303.05	1306	8.1467%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.15957311
5439000	3/8/1994	183	183	1.62	303.05	1306	8.1467%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.15957311
5439000	4/3/1998	183	183	1.62	303.05	1306	8.1467%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.15957311
5439000	5/28/2004	183	183	1.62	303.05	1306	8.1467%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.15957311
5439000	6/14/2004	183	183	1.62	303.05	1306	8.1467%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.15957311
5439000	4/5/2010	183	183	1.62	303.05	1306	8.1467%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.15957311
5439000	6/4/2011	183	183	1.62	303.05	1306	8.1467%	Zinc	--	µg/L	60.7	28.3	#VALUE!	99.15957311
5439000	12/12/1931	182	182	1.62	301.43	1316	8.2091%	Zinc	--	µg/L	60.7	28.3	#VALUE!	98.63044883
5439000	3/5/1932	182	182	1.62	301.43	1316	8.2091%	Zinc	--	µg/L	60.7	28.3	#VALUE!	98.63044883
5439000	5/7/1933	182	182	1.62	301.43	1316	8.2091%	Zinc	--	µg/L	60.7	28.3	#VALUE!	98.63044883
5439000	10/18/1980	182	182	1.62	301.43	1316	8.2091%	Zinc	--	µg/L	60.7	28.3	#VALUE!	98.63044883
5439000	5/28/1983	182	182	1.62	301.43	1316	8.2091%	Zinc	--	µg/L	60.7	28.3	#VALUE!	98.63044883
5439000	3/30/1991	182	182	1.62	301.43	1316	8.2091%	Zinc	--	µg/L	60.7	28.3	#VALUE!	98.63044883
5439000	11/29/1992	182	182	1.62	301.43	1316	8.2091%	Zinc	--	µg/L	60.7	28.3	#VALUE!	98.63044883
5439000	6/27/1993	182	182	1.62	301.43	1316	8.2091%	Zinc	--	µg/L	60.7	28.3	#VALUE!	98.63044883
5439000	3/5/2007	182	182	1.62	301.43	1316	8.2091%	Zinc	--	µg/L	60.7	28.3	#VALUE!	98.63044883
5439000	4/29/2011	182	182	1.62	301.43	1316	8.2091%	Zinc	--	µg/L	60.7	28.3	#VALUE!	98.63044883
5439000	7/10/1982	181	181	1.62	299.81	1326	8.2715%	Zinc	--	µg/L	60.7	28.3	#VALUE!	98.10132455
5439000	5/3/1983	181	181	1.62	299.81	1326	8.2715%	Zinc	--	µg/L	60.7	28.3	#VALUE!	98.10132455
5439000	7/28/1996	181	181	1.62	299.81	1326	8.2715%	Zinc	--	µg/L	60.7	28.3	#VALUE!	98.10132455
5439000	2/4/1999	181	181	1.62	299.81	1326	8.2715%	Zinc	--	µg/L	60.7	28.3	#VALUE!	98.10132455
5439000	6/11/2002	181	181	1.62	299.81	1326	8.2715%	Zinc	--	µg/L	60.7	28.3	#VALUE!	98.10132455
5439000	12/9/2008	181	181	1.62	299.81	1326	8.2715%	Zinc	--	µg/L	60.7	28.3	#VALUE!	98.10132455
5439000	5/18/2011	181	181	1.62	299.81	1326	8.2715%	Zinc	--	µg/L	60.7	28.3	#VALUE!	98.10132455
5439000	9/28/1926	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/8/1926	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027
5439000	11/30/1926	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027
5439000	4/17/1927	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027
5439000	6/5/1927	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027
5439000	3/26/1929	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027
5439000	6/18/1929	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027
5439000	11/13/1982	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027
5439000	2/19/1983	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027
5439000	4/5/1988	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027
5439000	4/11/1988	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027
5439000	5/20/1990	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027
5439000	3/23/1991	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027
5439000	4/14/1991	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027
5439000	6/23/1993	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027
5439000	3/31/1998	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027
5439000	5/6/1998	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027
5439000	3/16/2007	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027
5439000	6/24/2015	180	180	1.62	298.20	1333	8.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.57220027
5439000	10/4/1986	179	179	1.62	296.58	1352	8.4337%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.04307599
5439000	3/10/1998	179	179	1.62	296.58	1352	8.4337%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.04307599
5439000	4/11/2002	179	179	1.62	296.58	1352	8.4337%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.04307599
5439000	6/25/2010	179	179	1.62	296.58	1352	8.4337%	Zinc	--	µg/L	60.7	28.3	#VALUE!	97.04307599
5439000	3/13/1928	178	178	1.62	294.96	1356	8.4586%	Zinc	--	µg/L	60.7	28.3	#VALUE!	96.51395171
5439000	4/11/1928	178	178	1.62	294.96	1356	8.4586%	Zinc	--	µg/L	60.7	28.3	#VALUE!	96.51395171
5439000	4/14/1928	178	178	1.62	294.96	1356	8.4586%	Zinc	--	µg/L	60.7	28.3	#VALUE!	96.51395171
5439000	12/29/1987	178	178	1.62	294.96	1356	8.4586%	Zinc	--	µg/L	60.7	28.3	#VALUE!	96.51395171
5439000	9/9/1989	178	178	1.62	294.96	1356	8.4586%	Zinc	--	µg/L	60.7	28.3	#VALUE!	96.51395171
5439000	3/8/1990	178	178	1.62	294.96	1356	8.4586%	Zinc	--	µg/L	60.7	28.3	#VALUE!	96.51395171
5439000	3/21/1998	178	178	1.62	294.96	1356	8.4586%	Zinc	--	µg/L	60.7	28.3	#VALUE!	96.51395171
5439000	11/10/1998	178	178	1.62	294.96	1356	8.4586%	Zinc	--	µg/L	60.7	28.3	#VALUE!	96.51395171
5439000	11/11/1998	178	178	1.62	294.96	1356	8.4586%	Zinc	--	µg/L	60.7	28.3	#VALUE!	96.51395171

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/24/2000	178	178	1.62	294.96	1356	8.4586%	Zinc	--	µg/L	60.7	28.3	#VALUE!	96.51395171
5439000	6/5/2001	178	178	1.62	294.96	1356	8.4586%	Zinc	--	µg/L	60.7	28.3	#VALUE!	96.51395171
5439000	3/8/2010	178	178	1.62	294.96	1356	8.4586%	Zinc	--	µg/L	60.7	28.3	#VALUE!	96.51395171
5439000	5/27/2015	178	178	1.62	294.96	1356	8.4586%	Zinc	--	µg/L	60.7	28.3	#VALUE!	96.51395171
5439000	4/22/1984	177	177	1.62	293.35	1369	8.5397%	Zinc	--	µg/L	60.7	28.3	#VALUE!	95.98482743
5439000	5/31/1984	177	177	1.62	293.35	1369	8.5397%	Zinc	--	µg/L	60.7	28.3	#VALUE!	95.98482743
5439000	11/3/1987	177	177	1.62	293.35	1369	8.5397%	Zinc	--	µg/L	60.7	28.3	#VALUE!	95.98482743
5439000	1/8/1998	177	177	1.62	293.35	1369	8.5397%	Zinc	--	µg/L	60.7	28.3	#VALUE!	95.98482743
5439000	5/12/2000	177	177	1.62	293.35	1369	8.5397%	Zinc	--	µg/L	60.7	28.3	#VALUE!	95.98482743
5439000	4/10/2015	177	177	1.62	293.35	1369	8.5397%	Zinc	--	µg/L	60.7	28.3	#VALUE!	95.98482743
5439000	11/5/1985	176	176	1.62	291.73	1375	8.5771%	Zinc	--	µg/L	60.7	28.3	#VALUE!	95.45570316
5439000	7/4/2000	176	176	1.62	291.73	1375	8.5771%	Zinc	--	µg/L	60.7	28.3	#VALUE!	95.45570316
5439000	3/1/2001	176	176	1.62	291.73	1375	8.5771%	Zinc	--	µg/L	60.7	28.3	#VALUE!	95.45570316
5439000	3/30/2004	176	176	1.62	291.73	1375	8.5771%	Zinc	--	µg/L	60.7	28.3	#VALUE!	95.45570316
5439000	3/27/2007	176	176	1.62	291.73	1375	8.5771%	Zinc	--	µg/L	60.7	28.3	#VALUE!	95.45570316
5439000	9/3/2007	176	176	1.62	291.73	1375	8.5771%	Zinc	--	µg/L	60.7	28.3	#VALUE!	95.45570316
5439000	1/3/2009	176	176	1.62	291.73	1375	8.5771%	Zinc	--	µg/L	60.7	28.3	#VALUE!	95.45570316
5439000	5/18/2009	176	176	1.62	291.73	1375	8.5771%	Zinc	--	µg/L	60.7	28.3	#VALUE!	95.45570316
5439000	6/11/2009	176	176	1.62	291.73	1375	8.5771%	Zinc	--	µg/L	60.7	28.3	#VALUE!	95.45570316
5439000	3/17/2013	176	176	1.62	291.73	1375	8.5771%	Zinc	--	µg/L	60.7	28.3	#VALUE!	95.45570316
5439000	10/18/1981	175	175	1.62	290.11	1385	8.6395%	Zinc	--	µg/L	60.7	28.3	#VALUE!	94.92657888
5439000	4/19/1982	175	175	1.62	290.11	1385	8.6395%	Zinc	--	µg/L	60.7	28.3	#VALUE!	94.92657888
5439000	5/15/1990	175	175	1.62	290.11	1385	8.6395%	Zinc	--	µg/L	60.7	28.3	#VALUE!	94.92657888
5439000	1/25/1993	175	175	1.62	290.11	1385	8.6395%	Zinc	--	µg/L	60.7	28.3	#VALUE!	94.92657888
5439000	5/3/1993	175	175	1.62	290.11	1385	8.6395%	Zinc	--	µg/L	60.7	28.3	#VALUE!	94.92657888
5439000	5/7/1993	175	175	1.62	290.11	1385	8.6395%	Zinc	--	µg/L	60.7	28.3	#VALUE!	94.92657888
5439000	7/22/1993	175	175	1.62	290.11	1385	8.6395%	Zinc	--	µg/L	60.7	28.3	#VALUE!	94.92657888
5439000	7/26/1996	175	175	1.62	290.11	1385	8.6395%	Zinc	--	µg/L	60.7	28.3	#VALUE!	94.92657888
5439000	2/2/2001	175	175	1.62	290.11	1385	8.6395%	Zinc	--	µg/L	60.7	28.3	#VALUE!	94.92657888
5439000	6/5/2008	175	175	1.62	290.11	1385	8.6395%	Zinc	--	µg/L	60.7	28.3	#VALUE!	94.92657888
5439000	6/15/2009	175	175	1.62	290.11	1385	8.6395%	Zinc	--	µg/L	60.7	28.3	#VALUE!	94.92657888

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/3/2013	175	175	1.62	290.11	1385	8.6395%	Zinc	--	µg/L	60.7	28.3	#VALUE!	94.92657888
5439000	4/6/1982	174	174	1.62	288.49	1397	8.7144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	94.3974546
5439000	10/1/1993	174	174	1.62	288.49	1397	8.7144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	94.3974546
5439000	6/17/1999	174	174	1.62	288.49	1397	8.7144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	94.3974546
5439000	3/22/2001	174	174	1.62	288.49	1397	8.7144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	94.3974546
5439000	5/19/2004	174	174	1.62	288.49	1397	8.7144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	94.3974546
5439000	4/3/2008	174	174	1.62	288.49	1397	8.7144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	94.3974546
5439000	5/30/1983	173	173	1.62	286.88	1403	8.7518%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.86833032
5439000	6/29/1985	173	173	1.62	286.88	1403	8.7518%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.86833032
5439000	3/19/1990	173	173	1.62	286.88	1403	8.7518%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.86833032
5439000	5/13/1998	173	173	1.62	286.88	1403	8.7518%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.86833032
5439000	5/16/1999	173	173	1.62	286.88	1403	8.7518%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.86833032
5439000	6/7/2001	173	173	1.62	286.88	1403	8.7518%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.86833032
5439000	5/6/2003	173	173	1.62	286.88	1403	8.7518%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.86833032
5439000	4/25/2011	173	173	1.62	286.88	1403	8.7518%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.86833032
5439000	7/17/2015	173	173	1.62	286.88	1403	8.7518%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.86833032
5439000	2/24/1930	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604
5439000	2/28/1930	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604
5439000	4/23/1930	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604
5439000	1/15/1932	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604
5439000	1/17/1932	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604
5439000	2/11/1932	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604
5439000	4/1/1932	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604
5439000	5/14/1933	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604
5439000	5/27/1933	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604
5439000	4/10/1980	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604
5439000	8/13/1980	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604
5439000	8/16/1980	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604
5439000	8/22/1980	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604
5439000	2/23/1983	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604
5439000	2/22/1984	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/11/1998	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604
5439000	11/4/2009	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604
5439000	12/31/2009	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604
5439000	3/1/2012	172	172	1.62	285.26	1412	8.8079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	93.33920604
5439000	7/14/1986	171	171	1.62	283.64	1431	8.9265%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.81008176
5439000	9/3/1987	171	171	1.62	283.64	1431	8.9265%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.81008176
5439000	9/1/1989	171	171	1.62	283.64	1431	8.9265%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.81008176
5439000	6/7/1993	171	171	1.62	283.64	1431	8.9265%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.81008176
5439000	11/13/1995	171	171	1.62	283.64	1431	8.9265%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.81008176
5439000	6/12/1996	171	171	1.62	283.64	1431	8.9265%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.81008176
5439000	5/9/1997	171	171	1.62	283.64	1431	8.9265%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.81008176
5439000	2/1/1999	171	171	1.62	283.64	1431	8.9265%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.81008176
5439000	2/16/2001	171	171	1.62	283.64	1431	8.9265%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.81008176
5439000	5/2/2003	171	171	1.62	283.64	1431	8.9265%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.81008176
5439000	8/11/2007	171	171	1.62	283.64	1431	8.9265%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.81008176
5439000	4/26/2009	171	171	1.62	283.64	1431	8.9265%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.81008176
5439000	5/13/2015	171	171	1.62	283.64	1431	8.9265%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.81008176
5439000	2/20/1926	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	4/13/1926	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	9/16/1926	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	11/23/1926	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	2/8/1927	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	3/15/1927	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	4/5/1927	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	5/2/1927	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	5/11/1927	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	3/9/1929	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	4/29/1929	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	3/15/1982	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	7/27/1982	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	12/30/1984	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/8/1998	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	3/31/2004	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	12/15/2006	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	2/26/2009	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	7/25/2010	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	2/29/2012	170	170	1.62	282.03	1444	9.0075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	92.28095748
5439000	4/16/1982	169	169	1.62	280.41	1464	9.1323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.7518332
5439000	4/24/1984	169	169	1.62	280.41	1464	9.1323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.7518332
5439000	1/24/1988	169	169	1.62	280.41	1464	9.1323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.7518332
5439000	8/2/1989	169	169	1.62	280.41	1464	9.1323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.7518332
5439000	4/30/1993	169	169	1.62	280.41	1464	9.1323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.7518332
5439000	6/22/1996	169	169	1.62	280.41	1464	9.1323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.7518332
5439000	1/31/1999	169	169	1.62	280.41	1464	9.1323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.7518332
5439000	4/23/2000	169	169	1.62	280.41	1464	9.1323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.7518332
5439000	10/23/2001	169	169	1.62	280.41	1464	9.1323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.7518332
5439000	7/20/2008	169	169	1.62	280.41	1464	9.1323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.7518332
5439000	10/25/2008	169	169	1.62	280.41	1464	9.1323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.7518332
5439000	3/18/2010	169	169	1.62	280.41	1464	9.1323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.7518332
5439000	5/9/2012	169	169	1.62	280.41	1464	9.1323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.7518332
5439000	4/5/1928	168	168	1.62	278.79	1477	9.2134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.22270892
5439000	4/15/1928	168	168	1.62	278.79	1477	9.2134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.22270892
5439000	4/16/1928	168	168	1.62	278.79	1477	9.2134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.22270892
5439000	6/25/1928	168	168	1.62	278.79	1477	9.2134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.22270892
5439000	4/17/1983	168	168	1.62	278.79	1477	9.2134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.22270892
5439000	5/27/1984	168	168	1.62	278.79	1477	9.2134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.22270892
5439000	4/22/1987	168	168	1.62	278.79	1477	9.2134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.22270892
5439000	11/5/1990	168	168	1.62	278.79	1477	9.2134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.22270892
5439000	4/28/2013	168	168	1.62	278.79	1477	9.2134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	91.22270892
5439000	9/25/1980	167	167	1.62	277.17	1486	9.2695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.69358464
5439000	4/15/1981	167	167	1.62	277.17	1486	9.2695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.69358464
5439000	3/4/1986	167	167	1.62	277.17	1486	9.2695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.69358464

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/26/1987	167	167	1.62	277.17	1486	9.2695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.69358464
5439000	12/7/1987	167	167	1.62	277.17	1486	9.2695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.69358464
5439000	1/19/1988	167	167	1.62	277.17	1486	9.2695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.69358464
5439000	4/25/1993	167	167	1.62	277.17	1486	9.2695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.69358464
5439000	3/22/1994	167	167	1.62	277.17	1486	9.2695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.69358464
5439000	1/6/1998	167	167	1.62	277.17	1486	9.2695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.69358464
5439000	4/8/2002	167	167	1.62	277.17	1486	9.2695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.69358464
5439000	5/4/2009	167	167	1.62	277.17	1486	9.2695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.69358464
5439000	5/8/2009	167	167	1.62	277.17	1486	9.2695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.69358464
5439000	3/12/2011	167	167	1.62	277.17	1486	9.2695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.69358464
5439000	6/14/1984	166	166	1.62	275.56	1499	9.3506%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.16446036
5439000	11/1/1984	166	166	1.62	275.56	1499	9.3506%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.16446036
5439000	4/25/1987	166	166	1.62	275.56	1499	9.3506%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.16446036
5439000	3/8/1992	166	166	1.62	275.56	1499	9.3506%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.16446036
5439000	7/4/1998	166	166	1.62	275.56	1499	9.3506%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.16446036
5439000	3/8/2002	166	166	1.62	275.56	1499	9.3506%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.16446036
5439000	3/16/2009	166	166	1.62	275.56	1499	9.3506%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.16446036
5439000	3/17/2009	166	166	1.62	275.56	1499	9.3506%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.16446036
5439000	4/23/2009	166	166	1.62	275.56	1499	9.3506%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.16446036
5439000	8/28/2009	166	166	1.62	275.56	1499	9.3506%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.16446036
5439000	10/25/2009	166	166	1.62	275.56	1499	9.3506%	Zinc	--	µg/L	60.7	28.3	#VALUE!	90.16446036
5439000	7/28/1982	165	165	1.62	273.94	1510	9.4193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.63533608
5439000	12/13/1982	165	165	1.62	273.94	1510	9.4193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.63533608
5439000	5/24/1986	165	165	1.62	273.94	1510	9.4193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.63533608
5439000	12/13/1991	165	165	1.62	273.94	1510	9.4193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.63533608
5439000	7/23/1993	165	165	1.62	273.94	1510	9.4193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.63533608
5439000	6/6/1995	165	165	1.62	273.94	1510	9.4193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.63533608
5439000	2/11/1999	165	165	1.62	273.94	1510	9.4193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.63533608
5439000	3/6/2007	165	165	1.62	273.94	1510	9.4193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.63533608
5439000	7/6/2014	165	165	1.62	273.94	1510	9.4193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.63533608
5439000	3/10/1989	164	164	1.62	272.32	1519	9.4754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.10621181

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/20/1990	164	164	1.62	272.32	1519	9.4754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.10621181
5439000	7/2/1993	164	164	1.62	272.32	1519	9.4754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.10621181
5439000	7/27/1993	164	164	1.62	272.32	1519	9.4754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.10621181
5439000	5/15/1995	164	164	1.62	272.32	1519	9.4754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.10621181
5439000	6/1/1995	164	164	1.62	272.32	1519	9.4754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.10621181
5439000	4/25/1998	164	164	1.62	272.32	1519	9.4754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.10621181
5439000	7/7/1998	164	164	1.62	272.32	1519	9.4754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.10621181
5439000	5/20/2002	164	164	1.62	272.32	1519	9.4754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.10621181
5439000	4/16/2008	164	164	1.62	272.32	1519	9.4754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.10621181
5439000	5/18/2010	164	164	1.62	272.32	1519	9.4754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	89.10621181
5439000	3/1/1930	163	163	1.62	270.71	1530	9.5440%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.57708753
5439000	1/16/1932	163	163	1.62	270.71	1530	9.5440%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.57708753
5439000	1/18/1932	163	163	1.62	270.71	1530	9.5440%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.57708753
5439000	3/2/1932	163	163	1.62	270.71	1530	9.5440%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.57708753
5439000	3/6/1932	163	163	1.62	270.71	1530	9.5440%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.57708753
5439000	3/26/1932	163	163	1.62	270.71	1530	9.5440%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.57708753
5439000	12/26/1932	163	163	1.62	270.71	1530	9.5440%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.57708753
5439000	7/4/1933	163	163	1.62	270.71	1530	9.5440%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.57708753
5439000	5/20/1987	163	163	1.62	270.71	1530	9.5440%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.57708753
5439000	2/2/1990	163	163	1.62	270.71	1530	9.5440%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.57708753
5439000	11/6/1990	163	163	1.62	270.71	1530	9.5440%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.57708753
5439000	12/8/1991	163	163	1.62	270.71	1530	9.5440%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.57708753
5439000	2/21/2002	163	163	1.62	270.71	1530	9.5440%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.57708753
5439000	6/24/2009	163	163	1.62	270.71	1530	9.5440%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.57708753
5439000	7/14/2015	163	163	1.62	270.71	1530	9.5440%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.57708753
5439000	12/12/1983	162	162	1.62	269.09	1545	9.6376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.04796325
5439000	11/25/1985	162	162	1.62	269.09	1545	9.6376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.04796325
5439000	2/21/1986	162	162	1.62	269.09	1545	9.6376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.04796325
5439000	12/3/1990	162	162	1.62	269.09	1545	9.6376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.04796325
5439000	4/13/1993	162	162	1.62	269.09	1545	9.6376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.04796325
5439000	11/12/1994	162	162	1.62	269.09	1545	9.6376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.04796325

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/12/1996	162	162	1.62	269.09	1545	9.6376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.04796325
5439000	2/13/1999	162	162	1.62	269.09	1545	9.6376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.04796325
5439000	5/11/2000	162	162	1.62	269.09	1545	9.6376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.04796325
5439000	4/24/2009	162	162	1.62	269.09	1545	9.6376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.04796325
5439000	12/18/2011	162	162	1.62	269.09	1545	9.6376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.04796325
5439000	5/17/2015	162	162	1.62	269.09	1545	9.6376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	88.04796325
5439000	11/25/1928	161	161	1.62	267.47	1557	9.7124%	Zinc	--	µg/L	60.7	28.3	#VALUE!	87.51883897
5439000	12/4/1928	161	161	1.62	267.47	1557	9.7124%	Zinc	--	µg/L	60.7	28.3	#VALUE!	87.51883897
5439000	6/21/1929	161	161	1.62	267.47	1557	9.7124%	Zinc	--	µg/L	60.7	28.3	#VALUE!	87.51883897
5439000	5/16/1981	161	161	1.62	267.47	1557	9.7124%	Zinc	--	µg/L	60.7	28.3	#VALUE!	87.51883897
5439000	6/20/1981	161	161	1.62	267.47	1557	9.7124%	Zinc	--	µg/L	60.7	28.3	#VALUE!	87.51883897
5439000	6/1/1982	161	161	1.62	267.47	1557	9.7124%	Zinc	--	µg/L	60.7	28.3	#VALUE!	87.51883897
5439000	3/15/1985	161	161	1.62	267.47	1557	9.7124%	Zinc	--	µg/L	60.7	28.3	#VALUE!	87.51883897
5439000	9/2/1989	161	161	1.62	267.47	1557	9.7124%	Zinc	--	µg/L	60.7	28.3	#VALUE!	87.51883897
5439000	7/20/1990	161	161	1.62	267.47	1557	9.7124%	Zinc	--	µg/L	60.7	28.3	#VALUE!	87.51883897
5439000	4/10/1991	161	161	1.62	267.47	1557	9.7124%	Zinc	--	µg/L	60.7	28.3	#VALUE!	87.51883897
5439000	12/10/1991	161	161	1.62	267.47	1557	9.7124%	Zinc	--	µg/L	60.7	28.3	#VALUE!	87.51883897
5439000	1/2/1993	161	161	1.62	267.47	1557	9.7124%	Zinc	--	µg/L	60.7	28.3	#VALUE!	87.51883897
5439000	4/29/1993	161	161	1.62	267.47	1557	9.7124%	Zinc	--	µg/L	60.7	28.3	#VALUE!	87.51883897
5439000	6/29/1993	161	161	1.62	267.47	1557	9.7124%	Zinc	--	µg/L	60.7	28.3	#VALUE!	87.51883897
5439000	6/15/1998	161	161	1.62	267.47	1557	9.7124%	Zinc	--	µg/L	60.7	28.3	#VALUE!	87.51883897
5439000	5/13/2004	161	161	1.62	267.47	1557	9.7124%	Zinc	--	µg/L	60.7	28.3	#VALUE!	87.51883897
5439000	4/5/2009	161	161	1.62	267.47	1557	9.7124%	Zinc	--	µg/L	60.7	28.3	#VALUE!	87.51883897
5439000	4/19/2011	161	161	1.62	267.47	1557	9.7124%	Zinc	--	µg/L	60.7	28.3	#VALUE!	87.51883897
5439000	9/23/1926	160	160	1.62	265.85	1575	9.8247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.98971469
5439000	10/9/1926	160	160	1.62	265.85	1575	9.8247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.98971469
5439000	11/24/1926	160	160	1.62	265.85	1575	9.8247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.98971469
5439000	12/1/1926	160	160	1.62	265.85	1575	9.8247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.98971469
5439000	4/2/1927	160	160	1.62	265.85	1575	9.8247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.98971469
5439000	4/25/1927	160	160	1.62	265.85	1575	9.8247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.98971469
5439000	11/15/1992	160	160	1.62	265.85	1575	9.8247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.98971469

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/11/1996	160	160	1.62	265.85	1575	9.8247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.98971469
5439000	4/12/1998	160	160	1.62	265.85	1575	9.8247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.98971469
5439000	1/30/1999	160	160	1.62	265.85	1575	9.8247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.98971469
5439000	6/7/2004	160	160	1.62	265.85	1575	9.8247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.98971469
5439000	4/30/2007	160	160	1.62	265.85	1575	9.8247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.98971469
5439000	3/7/2008	160	160	1.62	265.85	1575	9.8247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.98971469
5439000	3/2/2011	160	160	1.62	265.85	1575	9.8247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.98971469
5439000	6/16/2011	160	160	1.62	265.85	1575	9.8247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.98971469
5439000	6/26/2015	160	160	1.62	265.85	1575	9.8247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.98971469
5439000	4/7/1982	159	159	1.62	264.24	1591	9.9245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.46059041
5439000	2/17/1983	159	159	1.62	264.24	1591	9.9245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.46059041
5439000	11/24/1983	159	159	1.62	264.24	1591	9.9245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.46059041
5439000	12/30/1987	159	159	1.62	264.24	1591	9.9245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.46059041
5439000	12/2/1990	159	159	1.62	264.24	1591	9.9245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.46059041
5439000	3/21/1994	159	159	1.62	264.24	1591	9.9245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.46059041
5439000	1/17/1995	159	159	1.62	264.24	1591	9.9245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.46059041
5439000	12/10/2003	159	159	1.62	264.24	1591	9.9245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.46059041
5439000	3/27/2004	159	159	1.62	264.24	1591	9.9245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.46059041
5439000	2/14/2009	159	159	1.62	264.24	1591	9.9245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	86.46059041
5439000	10/12/1927	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	1/19/1928	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	2/14/1928	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	7/23/1928	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	8/4/1928	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	3/17/1980	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	7/11/1983	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	1/3/1993	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	3/12/1994	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	6/23/1996	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	8/1/1996	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	7/8/1998	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/27/2000	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	5/29/2004	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	2/16/2005	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	12/24/2006	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	12/25/2007	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	6/3/2008	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	12/24/2008	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	3/18/2009	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	7/14/2014	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	3/16/2015	158	158	1.62	262.62	1601	9.9869%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.93146613
5439000	4/14/1980	157	157	1.62	261.00	1623	10.1241%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.40234185
5439000	8/15/1981	157	157	1.62	261.00	1623	10.1241%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.40234185
5439000	3/23/1982	157	157	1.62	261.00	1623	10.1241%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.40234185
5439000	7/31/1987	157	157	1.62	261.00	1623	10.1241%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.40234185
5439000	8/24/1987	157	157	1.62	261.00	1623	10.1241%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.40234185
5439000	12/2/1987	157	157	1.62	261.00	1623	10.1241%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.40234185
5439000	8/8/1989	157	157	1.62	261.00	1623	10.1241%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.40234185
5439000	11/30/1992	157	157	1.62	261.00	1623	10.1241%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.40234185
5439000	5/2/1993	157	157	1.62	261.00	1623	10.1241%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.40234185
5439000	4/27/1998	157	157	1.62	261.00	1623	10.1241%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.40234185
5439000	9/28/1999	157	157	1.62	261.00	1623	10.1241%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.40234185
5439000	3/11/2002	157	157	1.62	261.00	1623	10.1241%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.40234185
5439000	9/23/2008	157	157	1.62	261.00	1623	10.1241%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.40234185
5439000	5/14/2009	157	157	1.62	261.00	1623	10.1241%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.40234185
5439000	6/20/2010	157	157	1.62	261.00	1623	10.1241%	Zinc	--	µg/L	60.7	28.3	#VALUE!	85.40234185
5439000	3/26/1984	156	156	1.62	259.39	1638	10.2177%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.87321757
5439000	3/19/1986	156	156	1.62	259.39	1638	10.2177%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.87321757
5439000	5/6/1990	156	156	1.62	259.39	1638	10.2177%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.87321757
5439000	5/16/1990	156	156	1.62	259.39	1638	10.2177%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.87321757
5439000	6/29/1994	156	156	1.62	259.39	1638	10.2177%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.87321757
5439000	5/23/1996	156	156	1.62	259.39	1638	10.2177%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.87321757

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/5/1999	156	156	1.62	259.39	1638	10.2177%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.87321757
5439000	2/23/2000	156	156	1.62	259.39	1638	10.2177%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.87321757
5439000	3/23/2001	156	156	1.62	259.39	1638	10.2177%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.87321757
5439000	12/11/2003	156	156	1.62	259.39	1638	10.2177%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.87321757
5439000	3/28/2007	156	156	1.62	259.39	1638	10.2177%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.87321757
5439000	6/19/2009	156	156	1.62	259.39	1638	10.2177%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.87321757
5439000	4/15/1980	155	155	1.62	257.77	1650	10.2926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.34409329
5439000	4/25/1981	155	155	1.62	257.77	1650	10.2926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.34409329
5439000	11/30/1982	155	155	1.62	257.77	1650	10.2926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.34409329
5439000	12/1/1982	155	155	1.62	257.77	1650	10.2926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.34409329
5439000	12/30/1982	155	155	1.62	257.77	1650	10.2926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.34409329
5439000	2/24/1983	155	155	1.62	257.77	1650	10.2926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.34409329
5439000	2/23/1984	155	155	1.62	257.77	1650	10.2926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.34409329
5439000	3/23/1984	155	155	1.62	257.77	1650	10.2926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.34409329
5439000	4/12/1988	155	155	1.62	257.77	1650	10.2926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.34409329
5439000	3/11/1993	155	155	1.62	257.77	1650	10.2926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.34409329
5439000	4/14/1993	155	155	1.62	257.77	1650	10.2926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.34409329
5439000	6/24/1993	155	155	1.62	257.77	1650	10.2926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.34409329
5439000	5/20/1996	155	155	1.62	257.77	1650	10.2926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.34409329
5439000	7/27/1996	155	155	1.62	257.77	1650	10.2926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.34409329
5439000	4/26/1998	155	155	1.62	257.77	1650	10.2926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.34409329
5439000	5/8/1999	155	155	1.62	257.77	1650	10.2926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.34409329
5439000	5/20/2003	155	155	1.62	257.77	1650	10.2926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.34409329
5439000	9/4/2007	155	155	1.62	257.77	1650	10.2926%	Zinc	--	µg/L	60.7	28.3	#VALUE!	84.34409329
5439000	4/2/1932	154	154	1.62	256.15	1668	10.4048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.81496901
5439000	2/24/1933	154	154	1.62	256.15	1668	10.4048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.81496901
5439000	4/6/1933	154	154	1.62	256.15	1668	10.4048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.81496901
5439000	4/7/1933	154	154	1.62	256.15	1668	10.4048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.81496901
5439000	4/11/1980	154	154	1.62	256.15	1668	10.4048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.81496901
5439000	5/3/1981	154	154	1.62	256.15	1668	10.4048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.81496901
5439000	2/23/1982	154	154	1.62	256.15	1668	10.4048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.81496901

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/1/1994	154	154	1.62	256.15	1668	10.4048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.81496901
5439000	4/15/1995	154	154	1.62	256.15	1668	10.4048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.81496901
5439000	5/18/1999	154	154	1.62	256.15	1668	10.4048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.81496901
5439000	6/2/2001	154	154	1.62	256.15	1668	10.4048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.81496901
5439000	5/16/2003	154	154	1.62	256.15	1668	10.4048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.81496901
5439000	4/30/2011	154	154	1.62	256.15	1668	10.4048%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.81496901
5439000	11/29/1982	153	153	1.62	254.54	1681	10.4859%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.28584473
5439000	3/15/1986	153	153	1.62	254.54	1681	10.4859%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.28584473
5439000	3/20/1990	153	153	1.62	254.54	1681	10.4859%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.28584473
5439000	5/4/1990	153	153	1.62	254.54	1681	10.4859%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.28584473
5439000	3/24/1991	153	153	1.62	254.54	1681	10.4859%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.28584473
5439000	4/9/1991	153	153	1.62	254.54	1681	10.4859%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.28584473
5439000	4/19/1991	153	153	1.62	254.54	1681	10.4859%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.28584473
5439000	12/20/1992	153	153	1.62	254.54	1681	10.4859%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.28584473
5439000	4/4/1998	153	153	1.62	254.54	1681	10.4859%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.28584473
5439000	5/1/1999	153	153	1.62	254.54	1681	10.4859%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.28584473
5439000	6/12/2002	153	153	1.62	254.54	1681	10.4859%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.28584473
5439000	7/23/2007	153	153	1.62	254.54	1681	10.4859%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.28584473
5439000	5/27/2008	153	153	1.62	254.54	1681	10.4859%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.28584473
5439000	8/27/2009	153	153	1.62	254.54	1681	10.4859%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.28584473
5439000	3/8/2011	153	153	1.62	254.54	1681	10.4859%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.28584473
5439000	6/11/2014	153	153	1.62	254.54	1681	10.4859%	Zinc	--	µg/L	60.7	28.3	#VALUE!	83.28584473
5439000	3/27/1929	152	152	1.62	252.92	1697	10.5857%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.75672046
5439000	4/6/1929	152	152	1.62	252.92	1697	10.5857%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.75672046
5439000	4/11/1929	152	152	1.62	252.92	1697	10.5857%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.75672046
5439000	8/22/1990	152	152	1.62	252.92	1697	10.5857%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.75672046
5439000	3/31/1991	152	152	1.62	252.92	1697	10.5857%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.75672046
5439000	9/25/1993	152	152	1.62	252.92	1697	10.5857%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.75672046
5439000	2/26/1994	152	152	1.62	252.92	1697	10.5857%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.75672046
5439000	4/18/1995	152	152	1.62	252.92	1697	10.5857%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.75672046
5439000	4/30/1995	152	152	1.62	252.92	1697	10.5857%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.75672046

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/11/2004	152	152	1.62	252.92	1697	10.5857%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.75672046
5439000	6/15/2004	152	152	1.62	252.92	1697	10.5857%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.75672046
5439000	4/1/2007	152	152	1.62	252.92	1697	10.5857%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.75672046
5439000	6/25/2014	152	152	1.62	252.92	1697	10.5857%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.75672046
5439000	6/19/1926	151	151	1.62	251.30	1710	10.6668%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.22759618
5439000	9/15/1926	151	151	1.62	251.30	1710	10.6668%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.22759618
5439000	9/29/1926	151	151	1.62	251.30	1710	10.6668%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.22759618
5439000	11/25/1926	151	151	1.62	251.30	1710	10.6668%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.22759618
5439000	3/16/1927	151	151	1.62	251.30	1710	10.6668%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.22759618
5439000	6/1/1927	151	151	1.62	251.30	1710	10.6668%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.22759618
5439000	12/13/1987	151	151	1.62	251.30	1710	10.6668%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.22759618
5439000	5/19/1991	151	151	1.62	251.30	1710	10.6668%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.22759618
5439000	4/19/1995	151	151	1.62	251.30	1710	10.6668%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.22759618
5439000	2/14/1998	151	151	1.62	251.30	1710	10.6668%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.22759618
5439000	3/8/1998	151	151	1.62	251.30	1710	10.6668%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.22759618
5439000	5/14/1998	151	151	1.62	251.30	1710	10.6668%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.22759618
5439000	6/3/2000	151	151	1.62	251.30	1710	10.6668%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.22759618
5439000	6/19/2000	151	151	1.62	251.30	1710	10.6668%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.22759618
5439000	2/20/2002	151	151	1.62	251.30	1710	10.6668%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.22759618
5439000	5/25/2011	151	151	1.62	251.30	1710	10.6668%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.22759618
5439000	6/5/2011	151	151	1.62	251.30	1710	10.6668%	Zinc	--	µg/L	60.7	28.3	#VALUE!	82.22759618
5439000	4/18/1980	150	150	1.62	249.68	1727	10.7729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.6984719
5439000	1/19/1986	150	150	1.62	249.68	1727	10.7729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.6984719
5439000	2/3/1988	150	150	1.62	249.68	1727	10.7729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.6984719
5439000	3/29/1988	150	150	1.62	249.68	1727	10.7729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.6984719
5439000	12/29/1990	150	150	1.62	249.68	1727	10.7729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.6984719
5439000	10/2/1993	150	150	1.62	249.68	1727	10.7729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.6984719
5439000	2/20/1997	150	150	1.62	249.68	1727	10.7729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.6984719
5439000	3/6/1997	150	150	1.62	249.68	1727	10.7729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.6984719
5439000	4/1/2004	150	150	1.62	249.68	1727	10.7729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.6984719
5439000	1/14/2005	150	150	1.62	249.68	1727	10.7729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.6984719

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/26/2008	150	150	1.62	249.68	1727	10.7729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.6984719
5439000	4/27/2015	150	150	1.62	249.68	1727	10.7729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.6984719
5439000	4/14/1982	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	3/22/1983	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	4/18/1983	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	5/31/1983	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	3/16/1985	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	11/26/1985	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	12/31/1987	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	9/10/1989	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	1/21/1993	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	5/8/1993	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	5/16/1995	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	3/22/1998	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	4/15/1998	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	4/12/2001	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	3/28/2004	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	3/17/2007	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	5/9/2009	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	5/19/2009	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	10/28/2009	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	4/9/2010	149	149	1.62	248.07	1739	10.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	81.16934762
5439000	11/30/1927	148	148	1.62	246.45	1759	10.9725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.64022334
5439000	4/12/1928	148	148	1.62	246.45	1759	10.9725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.64022334
5439000	4/17/1928	148	148	1.62	246.45	1759	10.9725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.64022334
5439000	3/22/1990	148	148	1.62	246.45	1759	10.9725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.64022334
5439000	6/4/1991	148	148	1.62	246.45	1759	10.9725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.64022334
5439000	1/8/1993	148	148	1.62	246.45	1759	10.9725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.64022334
5439000	9/17/1993	148	148	1.62	246.45	1759	10.9725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.64022334
5439000	6/27/2000	148	148	1.62	246.45	1759	10.9725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.64022334
5439000	4/12/2002	148	148	1.62	246.45	1759	10.9725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.64022334

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/6/2009	148	148	1.62	246.45	1759	10.9725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.64022334
5439000	5/6/2009	148	148	1.62	246.45	1759	10.9725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.64022334
5439000	5/29/2009	148	148	1.62	246.45	1759	10.9725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.64022334
5439000	3/7/2010	148	148	1.62	246.45	1759	10.9725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.64022334
5439000	5/19/2011	148	148	1.62	246.45	1759	10.9725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.64022334
5439000	4/10/1982	147	147	1.62	244.83	1773	11.0598%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.11109906
5439000	5/4/1983	147	147	1.62	244.83	1773	11.0598%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.11109906
5439000	2/12/1984	147	147	1.62	244.83	1773	11.0598%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.11109906
5439000	3/27/1984	147	147	1.62	244.83	1773	11.0598%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.11109906
5439000	11/6/1985	147	147	1.62	244.83	1773	11.0598%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.11109906
5439000	8/25/1987	147	147	1.62	244.83	1773	11.0598%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.11109906
5439000	9/4/1987	147	147	1.62	244.83	1773	11.0598%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.11109906
5439000	3/3/1990	147	147	1.62	244.83	1773	11.0598%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.11109906
5439000	2/25/1992	147	147	1.62	244.83	1773	11.0598%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.11109906
5439000	5/1/1993	147	147	1.62	244.83	1773	11.0598%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.11109906
5439000	8/31/1993	147	147	1.62	244.83	1773	11.0598%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.11109906
5439000	10/24/2001	147	147	1.62	244.83	1773	11.0598%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.11109906
5439000	5/21/2002	147	147	1.62	244.83	1773	11.0598%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.11109906
5439000	6/16/2009	147	147	1.62	244.83	1773	11.0598%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.11109906
5439000	3/22/2010	147	147	1.62	244.83	1773	11.0598%	Zinc	--	µg/L	60.7	28.3	#VALUE!	80.11109906
5439000	4/8/1982	146	146	1.62	243.22	1788	11.1534%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.58197478
5439000	12/14/1982	146	146	1.62	243.22	1788	11.1534%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.58197478
5439000	6/1/1984	146	146	1.62	243.22	1788	11.1534%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.58197478
5439000	12/6/1985	146	146	1.62	243.22	1788	11.1534%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.58197478
5439000	10/5/1986	146	146	1.62	243.22	1788	11.1534%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.58197478
5439000	11/2/1992	146	146	1.62	243.22	1788	11.1534%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.58197478
5439000	3/14/1994	146	146	1.62	243.22	1788	11.1534%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.58197478
5439000	6/13/1996	146	146	1.62	243.22	1788	11.1534%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.58197478
5439000	4/13/1998	146	146	1.62	243.22	1788	11.1534%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.58197478
5439000	5/11/2002	146	146	1.62	243.22	1788	11.1534%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.58197478
5439000	12/23/2008	146	146	1.62	243.22	1788	11.1534%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.58197478

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/25/2009	146	146	1.62	243.22	1788	11.1534%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.58197478
5439000	3/18/2013	146	146	1.62	243.22	1788	11.1534%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.58197478
5439000	3/2/1930	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	3/29/1930	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	11/26/1931	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	12/13/1931	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	2/13/1932	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	5/4/1933	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	5/15/1933	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	7/1/1933	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	11/30/1983	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	3/21/1990	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	7/1/1990	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	4/26/1993	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	5/19/1997	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	12/8/1998	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	4/19/1999	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	12/21/2006	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	4/13/2007	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	1/13/2008	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	3/19/2010	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	5/28/2015	145	145	1.62	241.60	1801	11.2345%	Zinc	--	µg/L	60.7	28.3	#VALUE!	79.0528505
5439000	4/30/1929	144	144	1.62	239.98	1821	11.3592%	Zinc	--	µg/L	60.7	28.3	#VALUE!	78.52372622
5439000	9/26/1980	144	144	1.62	239.98	1821	11.3592%	Zinc	--	µg/L	60.7	28.3	#VALUE!	78.52372622
5439000	12/9/1980	144	144	1.62	239.98	1821	11.3592%	Zinc	--	µg/L	60.7	28.3	#VALUE!	78.52372622
5439000	12/3/1987	144	144	1.62	239.98	1821	11.3592%	Zinc	--	µg/L	60.7	28.3	#VALUE!	78.52372622
5439000	6/11/1999	144	144	1.62	239.98	1821	11.3592%	Zinc	--	µg/L	60.7	28.3	#VALUE!	78.52372622
5439000	7/12/2000	144	144	1.62	239.98	1821	11.3592%	Zinc	--	µg/L	60.7	28.3	#VALUE!	78.52372622
5439000	3/2/2001	144	144	1.62	239.98	1821	11.3592%	Zinc	--	µg/L	60.7	28.3	#VALUE!	78.52372622
5439000	7/12/2007	144	144	1.62	239.98	1821	11.3592%	Zinc	--	µg/L	60.7	28.3	#VALUE!	78.52372622
5439000	4/4/2008	144	144	1.62	239.98	1821	11.3592%	Zinc	--	µg/L	60.7	28.3	#VALUE!	78.52372622

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/4/2009	144	144	1.62	239.98	1821	11.3592%	Zinc	--	µg/L	60.7	28.3	#VALUE!	78.52372622
5439000	5/5/2009	144	144	1.62	239.98	1821	11.3592%	Zinc	--	µg/L	60.7	28.3	#VALUE!	78.52372622
5439000	11/12/2011	144	144	1.62	239.98	1821	11.3592%	Zinc	--	µg/L	60.7	28.3	#VALUE!	78.52372622
5439000	4/29/2013	144	144	1.62	239.98	1821	11.3592%	Zinc	--	µg/L	60.7	28.3	#VALUE!	78.52372622
5439000	12/20/1928	143	143	1.62	238.36	1834	11.4403%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.99460194
5439000	2/27/1929	143	143	1.62	238.36	1834	11.4403%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.99460194
5439000	10/19/1981	143	143	1.62	238.36	1834	11.4403%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.99460194
5439000	3/24/1982	143	143	1.62	238.36	1834	11.4403%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.99460194
5439000	4/20/1982	143	143	1.62	238.36	1834	11.4403%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.99460194
5439000	5/21/1990	143	143	1.62	238.36	1834	11.4403%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.99460194
5439000	3/9/1992	143	143	1.62	238.36	1834	11.4403%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.99460194
5439000	2/1/1993	143	143	1.62	238.36	1834	11.4403%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.99460194
5439000	5/22/1996	143	143	1.62	238.36	1834	11.4403%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.99460194
5439000	2/5/1999	143	143	1.62	238.36	1834	11.4403%	Zinc	100.00	µg/L	60.7	28.3	128.4919307	77.99460194
5439000	3/26/2004	143	143	1.62	238.36	1834	11.4403%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.99460194
5439000	12/11/2008	143	143	1.62	238.36	1834	11.4403%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.99460194
5439000	4/14/1926	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	6/16/1926	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	8/21/1926	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	9/30/1926	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	3/26/1927	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	4/3/1927	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	4/4/1927	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	4/26/1927	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	6/6/1927	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	2/23/1930	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	9/7/1980	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	5/19/1987	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	12/4/1990	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	12/18/1990	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	7/24/1993	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/14/1994	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	6/18/1999	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	5/10/2000	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	6/20/2000	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	1/31/2001	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	3/19/2009	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	6/12/2009	142	142	1.62	236.75	1846	11.5152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	77.46547766
5439000	5/31/1981	141	141	1.62	235.13	1868	11.6524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.93635338
5439000	4/25/1984	141	141	1.62	235.13	1868	11.6524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.93635338
5439000	10/24/1985	141	141	1.62	235.13	1868	11.6524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.93635338
5439000	10/26/1986	141	141	1.62	235.13	1868	11.6524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.93635338
5439000	11/28/1994	141	141	1.62	235.13	1868	11.6524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.93635338
5439000	6/27/1996	141	141	1.62	235.13	1868	11.6524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.93635338
5439000	4/28/1998	141	141	1.62	235.13	1868	11.6524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.93635338
5439000	3/3/2001	141	141	1.62	235.13	1868	11.6524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.93635338
5439000	6/8/2004	141	141	1.62	235.13	1868	11.6524%	Zinc	82.00	µg/L	60.7	28.3	103.9337888	76.93635338
5439000	4/2/2007	141	141	1.62	235.13	1868	11.6524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.93635338
5439000	3/7/2009	141	141	1.62	235.13	1868	11.6524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.93635338
5439000	5/14/2015	141	141	1.62	235.13	1868	11.6524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.93635338
5439000	6/4/1980	140	140	1.62	233.51	1880	11.7273%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.40722911
5439000	6/30/1983	140	140	1.62	233.51	1880	11.7273%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.40722911
5439000	3/28/1984	140	140	1.62	233.51	1880	11.7273%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.40722911
5439000	7/28/1993	140	140	1.62	233.51	1880	11.7273%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.40722911
5439000	3/9/1994	140	140	1.62	233.51	1880	11.7273%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.40722911
5439000	3/24/1994	140	140	1.62	233.51	1880	11.7273%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.40722911
5439000	3/4/2001	140	140	1.62	233.51	1880	11.7273%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.40722911
5439000	6/3/2007	140	140	1.62	233.51	1880	11.7273%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.40722911
5439000	6/22/2009	140	140	1.62	233.51	1880	11.7273%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.40722911
5439000	3/23/2014	140	140	1.62	233.51	1880	11.7273%	Zinc	--	µg/L	60.7	28.3	#VALUE!	76.40722911
5439000	6/21/1981	139	139	1.62	231.90	1890	11.7897%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.87810483
5439000	7/5/1982	139	139	1.62	231.90	1890	11.7897%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.87810483

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/12/1991	139	139	1.62	231.90	1890	11.7897%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.87810483
5439000	2/19/1992	139	139	1.62	231.90	1890	11.7897%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.87810483
5439000	3/19/1999	139	139	1.62	231.90	1890	11.7897%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.87810483
5439000	2/17/2001	139	139	1.62	231.90	1890	11.7897%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.87810483
5439000	9/5/2007	139	139	1.62	231.90	1890	11.7897%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.87810483
5439000	5/31/2008	139	139	1.62	231.90	1890	11.7897%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.87810483
5439000	6/26/2010	139	139	1.62	231.90	1890	11.7897%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.87810483
5439000	1/3/2011	139	139	1.62	231.90	1890	11.7897%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.87810483
5439000	3/4/2011	139	139	1.62	231.90	1890	11.7897%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.87810483
5439000	7/7/2014	139	139	1.62	231.90	1890	11.7897%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.87810483
5439000	5/26/2015	139	139	1.62	231.90	1890	11.7897%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.87810483
5439000	3/31/1982	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	4/9/1982	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	2/24/1984	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	11/2/1984	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	10/3/1986	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	8/4/1990	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	4/17/1992	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	5/8/1995	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	1/9/1998	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	5/15/1998	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	10/20/1998	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	2/1/2001	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	3/8/2004	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	12/16/2006	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	3/29/2007	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	4/3/2007	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	3/16/2008	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	5/15/2008	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	4/19/2009	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	11/5/2009	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/19/2011	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	5/16/2015	138	138	1.62	230.28	1903	11.8708%	Zinc	--	µg/L	60.7	28.3	#VALUE!	75.34898055
5439000	2/24/1981	137	137	1.62	228.66	1925	12.0080%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.81985627
5439000	4/13/1981	137	137	1.62	228.66	1925	12.0080%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.81985627
5439000	12/31/1982	137	137	1.62	228.66	1925	12.0080%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.81985627
5439000	5/25/1986	137	137	1.62	228.66	1925	12.0080%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.81985627
5439000	5/27/1987	137	137	1.62	228.66	1925	12.0080%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.81985627
5439000	4/13/1988	137	137	1.62	228.66	1925	12.0080%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.81985627
5439000	9/10/1992	137	137	1.62	228.66	1925	12.0080%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.81985627
5439000	12/1/1992	137	137	1.62	228.66	1925	12.0080%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.81985627
5439000	5/1/2007	137	137	1.62	228.66	1925	12.0080%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.81985627
5439000	9/24/2008	137	137	1.62	228.66	1925	12.0080%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.81985627
5439000	1/1/2010	137	137	1.62	228.66	1925	12.0080%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.81985627
5439000	1/28/2010	137	137	1.62	228.66	1925	12.0080%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.81985627
5439000	4/12/1929	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	5/1/1929	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	3/3/1930	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	4/16/1930	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	4/24/1930	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	11/22/1931	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	1/1/1932	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	1/2/1932	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	1/6/1932	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	3/7/1932	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	12/26/1979	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	4/1/1985	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	5/31/1989	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	6/5/1989	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	11/13/1994	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	6/7/1995	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	11/10/1995	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/12/1996	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	5/22/2002	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	7/18/2007	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	5/1/2011	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	6/27/2015	136	136	1.62	227.04	1937	12.0828%	Zinc	--	µg/L	60.7	28.3	#VALUE!	74.29073199
5439000	10/19/1980	135	135	1.62	225.43	1959	12.2201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.76160771
5439000	4/19/1983	135	135	1.62	225.43	1959	12.2201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.76160771
5439000	7/12/1983	135	135	1.62	225.43	1959	12.2201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.76160771
5439000	5/27/1986	135	135	1.62	225.43	1959	12.2201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.76160771
5439000	11/16/1992	135	135	1.62	225.43	1959	12.2201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.76160771
5439000	7/3/1993	135	135	1.62	225.43	1959	12.2201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.76160771
5439000	4/21/1999	135	135	1.62	225.43	1959	12.2201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.76160771
5439000	2/18/2001	135	135	1.62	225.43	1959	12.2201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.76160771
5439000	3/24/2001	135	135	1.62	225.43	1959	12.2201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.76160771
5439000	6/13/2002	135	135	1.62	225.43	1959	12.2201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.76160771
5439000	3/18/2007	135	135	1.62	225.43	1959	12.2201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.76160771
5439000	12/25/2008	135	135	1.62	225.43	1959	12.2201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.76160771
5439000	4/7/2009	135	135	1.62	225.43	1959	12.2201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.76160771
5439000	6/20/2009	135	135	1.62	225.43	1959	12.2201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.76160771
5439000	11/26/2009	135	135	1.62	225.43	1959	12.2201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.76160771
5439000	11/27/2009	135	135	1.62	225.43	1959	12.2201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.76160771
5439000	3/2/2012	135	135	1.62	225.43	1959	12.2201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.76160771
5439000	11/26/1928	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	3/21/1984	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	1/1/1988	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	7/20/1989	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	2/9/1990	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	7/21/1990	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	4/11/1991	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	5/6/1991	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	12/2/1991	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/9/1993	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	6/25/1993	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	12/28/1994	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	8/2/1996	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	5/2/1999	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	3/12/2002	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	4/12/2007	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	5/19/2010	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	2/23/2011	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	7/4/2013	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	5/18/2015	134	134	1.62	223.81	1976	12.3261%	Zinc	--	µg/L	60.7	28.3	#VALUE!	73.23248343
5439000	10/10/1926	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	12/2/1926	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	3/17/1927	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	3/21/1927	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	3/24/1927	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	4/6/1927	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	5/3/1927	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	6/2/1927	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	6/21/1927	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	9/27/1980	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	5/17/1981	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	5/15/1983	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	11/4/1987	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	5/17/1990	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	12/14/1991	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	3/10/1992	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	4/27/1993	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	4/29/1998	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	6/8/2001	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	12/25/2006	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/14/2007	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	4/13/2013	133	133	1.62	222.19	1996	12.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.70335915
5439000	8/23/1980	132	132	1.62	220.58	2018	12.5881%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.17423487
5439000	12/8/1980	132	132	1.62	220.58	2018	12.5881%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.17423487
5439000	5/24/1984	132	132	1.62	220.58	2018	12.5881%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.17423487
5439000	4/26/1987	132	132	1.62	220.58	2018	12.5881%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.17423487
5439000	2/7/1991	132	132	1.62	220.58	2018	12.5881%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.17423487
5439000	4/5/1998	132	132	1.62	220.58	2018	12.5881%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.17423487
5439000	10/25/2001	132	132	1.62	220.58	2018	12.5881%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.17423487
5439000	5/23/2002	132	132	1.62	220.58	2018	12.5881%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.17423487
5439000	6/16/2004	132	132	1.62	220.58	2018	12.5881%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.17423487
5439000	3/31/2007	132	132	1.62	220.58	2018	12.5881%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.17423487
5439000	8/3/2010	132	132	1.62	220.58	2018	12.5881%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.17423487
5439000	6/17/2011	132	132	1.62	220.58	2018	12.5881%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.17423487
5439000	12/4/2011	132	132	1.62	220.58	2018	12.5881%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.17423487
5439000	5/25/2015	132	132	1.62	220.58	2018	12.5881%	Zinc	--	µg/L	60.7	28.3	#VALUE!	72.17423487
5439000	5/29/1981	131	131	1.62	218.96	2032	12.6754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.64511059
5439000	9/30/1981	131	131	1.62	218.96	2032	12.6754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.64511059
5439000	2/24/1982	131	131	1.62	218.96	2032	12.6754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.64511059
5439000	3/17/1985	131	131	1.62	218.96	2032	12.6754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.64511059
5439000	3/31/1985	131	131	1.62	218.96	2032	12.6754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.64511059
5439000	5/29/1986	131	131	1.62	218.96	2032	12.6754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.64511059
5439000	5/7/1990	131	131	1.62	218.96	2032	12.6754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.64511059
5439000	8/30/1993	131	131	1.62	218.96	2032	12.6754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.64511059
5439000	6/16/1998	131	131	1.62	218.96	2032	12.6754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.64511059
5439000	11/10/2000	131	131	1.62	218.96	2032	12.6754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.64511059
5439000	5/17/2003	131	131	1.62	218.96	2032	12.6754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.64511059
5439000	3/2/2009	131	131	1.62	218.96	2032	12.6754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.64511059
5439000	3/13/2011	131	131	1.62	218.96	2032	12.6754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.64511059
5439000	1/30/2013	131	131	1.62	218.96	2032	12.6754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.64511059
5439000	10/10/1927	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/21/1928	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	2/15/1928	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	6/26/1928	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	12/25/1979	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	11/14/1982	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	5/28/1986	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	6/14/1987	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	12/14/1987	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	3/25/1991	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	1/5/1995	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	2/20/1995	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	6/19/1998	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	5/7/2003	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	4/2/2004	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	1/15/2005	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	11/30/2006	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	3/7/2007	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	3/19/2007	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	8/19/2007	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	6/13/2008	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	3/23/2011	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	7/18/2015	130	130	1.62	217.34	2046	12.7628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	71.11598631
5439000	9/3/1980	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	5/12/1981	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	4/15/1982	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	2/25/1983	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	6/8/1984	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	12/31/1984	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	11/27/1985	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	7/15/1986	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	8/3/1989	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/15/1994	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	5/17/1995	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	5/10/1997	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	4/14/1998	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	5/2/1998	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	4/24/2000	129	129	1.62	215.73	2069	12.9062%	Zinc	100.00	µg/L	60.7	28.3	116.2880758	70.58686203
5439000	2/20/2001	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	2/22/2002	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	3/30/2007	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	12/22/2008	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	5/20/2009	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	6/6/2011	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	5/15/2015	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	6/13/2015	129	129	1.62	215.73	2069	12.9062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.58686203
5439000	3/10/1929	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	3/28/1929	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	3/31/1929	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	4/7/1929	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	3/29/1931	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	6/8/1931	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	4/19/1980	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	5/4/1981	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	3/23/1990	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	6/13/1991	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	2/18/1992	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	6/14/1996	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	3/23/1998	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	5/19/1998	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	6/6/1999	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	3/2/2008	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	5/30/2009	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/2/2009	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	3/20/2010	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	3/3/2011	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	7/8/2015	128	128	1.62	214.11	2092	13.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	70.05773776
5439000	6/25/1931	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	1/7/1932	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	3/27/1933	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	4/1/1933	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	4/2/1933	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	5/5/1933	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	5/26/1933	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	5/28/1933	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	3/25/1982	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	7/12/1982	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	6/1/1983	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	12/7/1985	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	9/5/1987	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	5/9/1990	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	2/26/1992	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	4/28/1993	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	5/18/1995	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	2/15/1998	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	7/5/2000	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	5/21/2003	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	2/17/2005	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	12/26/2008	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	6/17/2009	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	3/24/2011	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	3/7/2012	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	5/10/2012	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	6/15/2013	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/17/2015	127	127	1.62	212.49	2113	13.1807%	Zinc	--	µg/L	60.7	28.3	#VALUE!	69.52861348
5439000	12/21/1928	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	12/22/1928	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	4/16/1981	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	4/26/1981	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	6/2/1987	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	2/8/1990	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	12/12/1990	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	4/1/1991	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	4/20/1991	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	12/11/1991	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	12/21/1992	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	2/27/1998	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	2/28/1998	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	5/19/1999	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	6/1/1999	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	3/25/2004	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	6/9/2004	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	3/8/2007	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	4/17/2008	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	2/7/2009	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	2/15/2009	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	3/20/2009	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	5/13/2009	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	8/6/2010	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	5/20/2011	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	5/3/2013	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	5/29/2015	126	126	1.62	210.87	2141	13.3554%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.9994892
5439000	4/2/1982	125	125	1.62	209.26	2168	13.5238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.47036492
5439000	6/2/1982	125	125	1.62	209.26	2168	13.5238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.47036492
5439000	7/6/1982	125	125	1.62	209.26	2168	13.5238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.47036492

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/15/1982	125	125	1.62	209.26	2168	13.5238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.47036492
5439000	4/20/1983	125	125	1.62	209.26	2168	13.5238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.47036492
5439000	10/27/1986	125	125	1.62	209.26	2168	13.5238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.47036492
5439000	4/15/1987	125	125	1.62	209.26	2168	13.5238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.47036492
5439000	1/18/1995	125	125	1.62	209.26	2168	13.5238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.47036492
5439000	4/16/1995	125	125	1.62	209.26	2168	13.5238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.47036492
5439000	6/16/1996	125	125	1.62	209.26	2168	13.5238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.47036492
5439000	3/7/1997	125	125	1.62	209.26	2168	13.5238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.47036492
5439000	5/9/1999	125	125	1.62	209.26	2168	13.5238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.47036492
5439000	4/13/2002	125	125	1.62	209.26	2168	13.5238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.47036492
5439000	3/21/2010	125	125	1.62	209.26	2168	13.5238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.47036492
5439000	6/29/2010	125	125	1.62	209.26	2168	13.5238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.47036492
5439000	4/30/2013	125	125	1.62	209.26	2168	13.5238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.47036492
5439000	6/26/2014	125	125	1.62	209.26	2168	13.5238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	68.47036492
5439000	9/17/1926	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	12/3/1926	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	2/9/1927	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	3/22/1927	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	3/23/1927	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	3/25/1927	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	5/12/1927	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	12/13/1983	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	6/2/1984	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	3/9/1986	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	11/17/1987	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	5/19/1990	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	4/16/1992	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	5/1/1995	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	5/19/1995	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	3/11/1998	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	5/16/1998	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/6/1999	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	6/19/1999	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	3/19/2008	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	4/8/2008	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	6/11/2008	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	3/23/2010	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	4/10/2010	124	124	1.62	207.64	2185	13.6298%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.94124064
5439000	9/28/1980	123	123	1.62	206.02	2209	13.7796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.41211636
5439000	5/14/1981	123	123	1.62	206.02	2209	13.7796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.41211636
5439000	7/1/1982	123	123	1.62	206.02	2209	13.7796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.41211636
5439000	5/14/1983	123	123	1.62	206.02	2209	13.7796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.41211636
5439000	11/7/1985	123	123	1.62	206.02	2209	13.7796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.41211636
5439000	11/9/1985	123	123	1.62	206.02	2209	13.7796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.41211636
5439000	2/27/1994	123	123	1.62	206.02	2209	13.7796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.41211636
5439000	11/5/1994	123	123	1.62	206.02	2209	13.7796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.41211636
5439000	6/14/2002	123	123	1.62	206.02	2209	13.7796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.41211636
5439000	6/10/2004	123	123	1.62	206.02	2209	13.7796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.41211636
5439000	12/1/2006	123	123	1.62	206.02	2209	13.7796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.41211636
5439000	12/17/2006	123	123	1.62	206.02	2209	13.7796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.41211636
5439000	6/2/2007	123	123	1.62	206.02	2209	13.7796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.41211636
5439000	9/30/2008	123	123	1.62	206.02	2209	13.7796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.41211636
5439000	5/10/2009	123	123	1.62	206.02	2209	13.7796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.41211636
5439000	10/29/2009	123	123	1.62	206.02	2209	13.7796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.41211636
5439000	11/6/2009	123	123	1.62	206.02	2209	13.7796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.41211636
5439000	4/11/2015	123	123	1.62	206.02	2209	13.7796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	67.41211636
5439000	6/27/1982	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208
5439000	7/29/1982	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208
5439000	3/23/1983	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208
5439000	5/5/1983	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208
5439000	5/30/1986	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208
5439000	5/28/1987	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/23/1988	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208
5439000	8/9/1989	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208
5439000	4/12/1991	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208
5439000	6/5/1991	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208
5439000	12/2/1992	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208
5439000	11/14/1995	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208
5439000	5/13/1996	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208
5439000	2/14/1999	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208
5439000	5/2/2002	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208
5439000	4/4/2007	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208
5439000	3/23/2008	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208
5439000	12/20/2011	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208
5439000	6/28/2015	122	122	1.62	204.41	2227	13.8918%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.88299208
5439000	10/13/1927	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	12/29/1927	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	5/19/1928	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	8/16/1981	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	2/22/1982	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	5/6/1983	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	4/26/1984	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	11/28/1985	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	5/26/1986	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	6/22/1990	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	4/30/1998	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	10/17/1998	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	4/20/1999	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	6/21/2000	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	5/25/2002	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	8/14/2007	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	7/21/2008	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	4/8/2009	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/1/2009	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	5/4/2013	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	4/9/2015	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	5/30/2015	121	121	1.62	202.79	2246	14.0104%	Zinc	--	µg/L	60.7	28.3	#VALUE!	66.3538678
5439000	3/12/1929	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	4/8/1929	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	4/13/1929	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	6/22/1929	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	2/20/1930	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	2/25/1984	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	3/29/1984	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	12/19/1990	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	7/29/1993	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	9/18/1993	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	10/3/1993	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	3/18/1994	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	4/20/1995	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	5/3/1998	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	5/3/1999	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	6/28/2000	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	6/3/2001	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	8/12/2007	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	6/15/2008	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	3/24/2009	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	2/17/2011	120	120	1.62	201.17	2268	14.1476%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.82474352
5439000	11/21/1931	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	12/14/1931	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	1/14/1932	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	1/19/1932	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	4/3/1932	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	3/28/1933	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/3/1933	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	4/8/1933	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	5/16/1933	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	7/10/1933	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	6/22/1981	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	5/16/1983	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	3/22/1984	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	4/14/1988	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	6/23/1990	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	4/6/1998	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	4/7/1998	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	5/1/1998	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	2/7/1999	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	3/20/2007	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	6/6/2008	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	9/29/2008	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	1/5/2009	119	119	1.62	199.55	2289	14.2786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	65.29561924
5439000	11/27/1928	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	12/23/1928	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	1/6/1929	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	1/24/1929	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	12/24/1982	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	1/1/1983	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	12/15/1984	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	10/1/1986	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	9/17/1987	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	12/5/1990	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	5/20/1991	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	10/17/1993	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	5/5/1998	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	2/28/2000	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/24/2002	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	6/11/2004	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	6/17/2004	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	2/7/2005	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	5/2/2007	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	9/25/2008	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	4/3/2014	118	118	1.62	197.94	2312	14.4221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.76649496
5439000	2/18/1983	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	7/13/1983	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	12/14/1983	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	6/28/1985	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	12/8/1985	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	3/18/1986	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	9/11/1989	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	2/15/1990	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	3/24/1990	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	11/17/1992	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	6/26/1993	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	6/28/1996	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	3/13/2002	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	4/15/2007	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	2/20/2008	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	6/3/2009	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	6/23/2010	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	3/3/2012	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	6/13/2014	117	117	1.62	196.32	2333	14.5531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	64.23737069
5439000	2/21/1926	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	3/4/1926	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	4/15/1926	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	10/11/1926	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	12/14/1926	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/10/1927	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	2/11/1927	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	3/18/1927	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	3/20/1927	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	3/27/1927	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	4/27/1927	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	5/9/1927	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	6/3/1927	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	6/5/1980	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	9/29/1980	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	2/25/1982	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	4/21/1982	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	9/6/1987	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	9/14/1989	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	11/29/1991	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	12/26/1993	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	12/29/1994	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	3/11/1995	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	4/10/1995	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	5/20/1999	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	5/12/2004	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	6/4/2007	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	4/5/2008	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	7/15/2008	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	5/21/2009	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	5/2/2011	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	4/25/2015	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	4/28/2015	116	116	1.62	194.70	2352	14.6716%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.70824641
5439000	5/11/1981	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	5/18/1981	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	3/18/1985	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/7/1986	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	3/16/1986	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	5/22/1990	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	12/11/1990	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	4/18/1992	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	11/3/1992	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	11/20/1992	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	2/25/1994	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	6/30/1994	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	1/5/1998	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	6/9/1998	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	2/10/1999	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	12/26/2006	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	12/26/2007	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	1/14/2008	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	10/27/2008	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	3/21/2009	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	6/18/2009	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	1/29/2010	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	6/18/2011	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	3/8/2012	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	7/8/2014	115	115	1.62	193.09	2385	14.8774%	Zinc	--	µg/L	60.7	28.3	#VALUE!	63.17912213
5439000	6/7/1980	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	4/21/1983	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	10/2/1986	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	1/17/1990	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	3/4/1990	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	4/21/1991	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	1/16/1992	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	2/7/1993	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	3/13/1994	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/14/1994	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	8/13/1996	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	5/11/1999	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	6/7/1999	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	3/25/2001	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	4/14/2002	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	3/18/2008	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	5/30/2008	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	10/24/2008	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	11/7/2009	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	11/13/2011	114	114	1.62	191.47	2410	15.0334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.64999785
5439000	10/11/1927	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	11/15/1927	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	11/24/1927	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	11/28/1927	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	12/1/1927	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	12/31/1927	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	4/1/1928	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	4/13/1928	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	4/18/1928	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	6/24/1928	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	7/8/1928	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	3/29/1929	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	5/2/1929	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	5/24/1929	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	7/12/1929	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	10/20/1980	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	12/16/1982	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	6/2/1983	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	4/30/1984	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	9/7/1987	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/4/1987	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	9/13/1989	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	1/9/1993	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	5/10/1993	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	7/4/1993	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	10/18/1993	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	3/15/1994	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	8/13/1994	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	11/16/1994	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	2/21/1995	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	6/8/1995	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	6/15/1996	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	8/3/1996	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	3/8/1997	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	1/11/1998	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	2/16/1998	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	11/12/1998	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	6/5/2000	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	1/30/2001	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	5/18/2003	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	4/3/2004	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	9/6/2007	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	4/18/2008	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	3/14/2011	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	12/21/2011	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	6/29/2015	113	113	1.62	189.85	2430	15.1581%	Zinc	--	µg/L	60.7	28.3	#VALUE!	62.12087357
5439000	2/22/1930	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	3/30/1930	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	4/25/1930	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	4/20/1980	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	5/13/1981	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/20/1981	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	5/7/1983	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	5/31/1986	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	9/18/1987	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	12/19/1987	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	3/12/1989	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	2/10/1990	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	5/8/1990	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	3/10/1997	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	5/11/1997	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	3/20/1999	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	5/10/1999	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	6/4/2000	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	5/3/2003	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	7/24/2007	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	8/15/2007	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	5/16/2008	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	5/11/2009	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	1/2/2010	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	5/20/2010	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	6/7/2011	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	12/5/2011	112	112	1.62	188.23	2476	15.4451%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.59174929
5439000	11/27/1931	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	2/14/1932	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	6/7/1932	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	1/23/1933	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	2/2/1933	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	5/20/1933	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	5/21/1933	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	7/5/1933	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	6/8/1980	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/24/1983	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	4/2/1985	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	5/18/1990	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	12/22/1992	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	3/12/1993	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	12/25/1994	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	3/12/1995	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	3/9/1997	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	1/10/1998	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	3/24/1998	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	6/20/1999	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	5/31/2003	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	3/17/2008	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	12/12/2008	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	5/31/2009	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	6/21/2009	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	6/21/2010	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	5/19/2015	111	111	1.62	186.62	2503	15.6135%	Zinc	--	µg/L	60.7	28.3	#VALUE!	61.06262501
5439000	12/24/1928	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	1/7/1929	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	2/22/1981	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	5/5/1981	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	11/2/1982	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	2/22/1985	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	3/19/1985	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	1/21/1986	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	2/22/1986	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	4/27/1987	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	1/18/1988	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	7/21/1989	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	11/7/1990	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/19/1991	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	1/4/1995	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	5/4/1998	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	5/4/1999	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	5/13/2000	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	4/13/2001	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	6/9/2001	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	9/19/2001	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	3/9/2004	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	2/8/2005	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	9/7/2007	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	3/8/2008	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	8/29/2009	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	3/6/2010	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	2/28/2011	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	5/5/2013	110	110	1.62	185.00	2530	15.7819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.53350073
5439000	7/2/1982	109	109	1.62	183.38	2559	15.9628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.00437645
5439000	12/9/1986	109	109	1.62	183.38	2559	15.9628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.00437645
5439000	2/23/1990	109	109	1.62	183.38	2559	15.9628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.00437645
5439000	3/25/1990	109	109	1.62	183.38	2559	15.9628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.00437645
5439000	12/13/1990	109	109	1.62	183.38	2559	15.9628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.00437645
5439000	3/11/1992	109	109	1.62	183.38	2559	15.9628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.00437645
5439000	4/19/1992	109	109	1.62	183.38	2559	15.9628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.00437645
5439000	9/1/1993	109	109	1.62	183.38	2559	15.9628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.00437645
5439000	5/20/1998	109	109	1.62	183.38	2559	15.9628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.00437645
5439000	6/17/1998	109	109	1.62	183.38	2559	15.9628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.00437645
5439000	5/21/1999	109	109	1.62	183.38	2559	15.9628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.00437645
5439000	2/23/2002	109	109	1.62	183.38	2559	15.9628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.00437645
5439000	6/15/2002	109	109	1.62	183.38	2559	15.9628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.00437645
5439000	12/13/2008	109	109	1.62	183.38	2559	15.9628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.00437645
5439000	4/14/2009	109	109	1.62	183.38	2559	15.9628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.00437645

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/28/2009	109	109	1.62	183.38	2559	15.9628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.00437645
5439000	3/25/2011	109	109	1.62	183.38	2559	15.9628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.00437645
5439000	5/31/2015	109	109	1.62	183.38	2559	15.9628%	Zinc	--	µg/L	60.7	28.3	#VALUE!	60.00437645
5439000	6/20/1926	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	8/20/1926	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	10/12/1926	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	2/1/1927	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	4/1/1927	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	4/7/1927	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	5/4/1927	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	5/13/1927	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	6/7/1927	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	8/24/1980	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	4/22/1983	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	10/25/1985	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	4/2/1991	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	5/11/1993	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	1/19/1995	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	5/20/1995	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	5/25/1997	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	5/17/1998	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	2/8/1999	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	2/9/1999	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	3/11/2008	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	4/19/2008	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	6/16/2008	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	7/11/2008	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	2/16/2009	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	5/21/2011	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	2/12/2013	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217
5439000	7/5/2013	108	108	1.62	181.77	2577	16.0751%	Zinc	--	µg/L	60.7	28.3	#VALUE!	59.47525217

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/30/1980	107	107	1.62	180.15	2605	16.2498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.94612789
5439000	12/1/1983	107	107	1.62	180.15	2605	16.2498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.94612789
5439000	3/20/1986	107	107	1.62	180.15	2605	16.2498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.94612789
5439000	5/26/1990	107	107	1.62	180.15	2605	16.2498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.94612789
5439000	8/23/1990	107	107	1.62	180.15	2605	16.2498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.94612789
5439000	4/13/1991	107	107	1.62	180.15	2605	16.2498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.94612789
5439000	3/11/1997	107	107	1.62	180.15	2605	16.2498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.94612789
5439000	2/15/1999	107	107	1.62	180.15	2605	16.2498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.94612789
5439000	5/5/1999	107	107	1.62	180.15	2605	16.2498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.94612789
5439000	4/5/2007	107	107	1.62	180.15	2605	16.2498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.94612789
5439000	3/20/2008	107	107	1.62	180.15	2605	16.2498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.94612789
5439000	4/9/2009	107	107	1.62	180.15	2605	16.2498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.94612789
5439000	4/11/2010	107	107	1.62	180.15	2605	16.2498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.94612789
5439000	4/18/2011	107	107	1.62	180.15	2605	16.2498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.94612789
5439000	4/5/2014	107	107	1.62	180.15	2605	16.2498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.94612789
5439000	4/14/2014	107	107	1.62	180.15	2605	16.2498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.94612789
5439000	7/15/2014	107	107	1.62	180.15	2605	16.2498%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.94612789
5439000	3/11/1929	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	4/9/1929	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	5/16/1929	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	7/1/1929	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	4/4/1980	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	12/10/1980	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	6/1/1981	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	2/26/1982	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	4/1/1982	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	6/3/1983	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	12/16/1984	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	11/29/1985	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	3/17/1986	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	3/2/1990	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/22/1991	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	8/29/1993	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	12/26/1994	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	12/27/1994	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	4/17/1995	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	2/19/2001	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	2/21/2001	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	5/22/2003	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	3/24/2010	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	2/24/2011	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	6/8/2011	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	5/11/2012	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	5/1/2013	106	106	1.62	178.53	2622	16.3558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	58.41700361
5439000	11/25/1927	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	1/11/1928	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	3/9/1928	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	6/20/1928	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	7/19/1928	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	7/24/1928	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	8/5/1928	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	4/17/1981	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	12/17/1982	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	4/27/1984	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	2/3/1987	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	5/29/1987	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	7/2/1990	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	11/5/1992	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	12/4/1992	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	3/27/1994	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	2/17/1998	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	6/18/1998	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/9/1998	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	4/19/2000	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	6/29/2000	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	5/8/2003	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	5/19/2003	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	3/21/2008	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	3/15/2011	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	6/27/2014	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	6/30/2015	105	105	1.62	176.91	2649	16.5242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.88787934
5439000	4/14/1929	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	2/21/1930	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	3/28/1931	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	2/26/1983	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	5/17/1983	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	6/15/1983	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	2/26/1984	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	6/3/1984	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	1/1/1985	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	1/29/1988	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	12/3/1991	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	4/20/1992	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	1/26/1993	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	4/21/1995	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	5/2/1995	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	3/25/1998	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	5/22/1999	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	7/13/2000	104	104	1.62	175.30	2676	16.6927%	Zinc	100.00	µg/L	60.7	28.3	94.49547785	57.35875506
5439000	3/14/2002	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	5/3/2002	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	5/26/2002	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	2/24/2004	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/3/2007	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	6/5/2007	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	7/13/2007	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	3/24/2008	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	10/8/2008	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	6/4/2009	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	6/18/2014	104	104	1.62	175.30	2676	16.6927%	Zinc	--	µg/L	60.7	28.3	#VALUE!	57.35875506
5439000	11/28/1928	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	11/30/1928	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	12/25/1928	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	1/3/1932	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	1/8/1932	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	1/13/1932	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	1/20/1932	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	5/8/1932	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	12/27/1932	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	2/25/1933	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	4/9/1933	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	5/17/1933	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	5/29/1933	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	6/6/1980	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	6/24/1981	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	3/20/1984	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	4/3/1985	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	11/30/1985	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	3/7/1986	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	7/16/1986	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	4/15/1988	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	7/19/1989	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	6/6/1991	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	12/15/1991	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/5/1993	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	8/25/1993	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	8/5/1996	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	3/1/1998	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	3/12/1998	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	5/18/1998	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	6/20/1998	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	10/21/1998	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	4/25/2000	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	4/15/2002	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	6/18/2004	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	2/18/2005	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	3/22/2008	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	6/14/2008	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	9/26/2008	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	12/18/2008	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	12/19/2008	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	3/22/2009	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	5/12/2009	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	5/26/2009	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	5/21/2010	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	6/19/2011	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	7/15/2015	103	103	1.62	173.68	2705	16.8736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.82963078
5439000	9/4/1980	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	4/27/1981	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	11/28/1982	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	1/2/1983	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	3/30/1984	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	11/8/1985	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	9/8/1987	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	2/26/1990	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/5/1990	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	12/6/1990	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	12/17/1990	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	2/27/1992	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	12/3/1992	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	10/19/1993	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	11/17/1994	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	3/13/1995	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	11/2/1995	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	6/29/1996	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	3/12/1997	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	6/8/1999	102	102	1.62	172.06	2752	17.1667%	Zinc	110.00	µg/L	60.7	28.3	102.027277	56.3005065
5439000	6/22/1999	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	6/22/2000	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	4/15/2001	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	6/12/2008	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	1/6/2009	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	4/13/2009	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	5/23/2009	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	12/24/2009	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	5/3/2011	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	3/4/2012	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	3/19/2013	102	102	1.62	172.06	2752	17.1667%	Zinc	--	µg/L	60.7	28.3	#VALUE!	56.3005065
5439000	12/28/1927	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222
5439000	5/19/1981	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222
5439000	6/3/1982	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222
5439000	11/15/1982	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222
5439000	12/18/1982	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222
5439000	2/16/1983	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222
5439000	5/19/1983	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222
5439000	12/9/1985	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/25/1990	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222
5439000	6/18/1990	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222
5439000	6/12/1991	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222
5439000	5/14/1996	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222
5439000	2/29/2000	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222
5439000	3/5/2001	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222
5439000	4/16/2001	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222
5439000	12/18/2006	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222
5439000	4/6/2008	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222
5439000	1/4/2011	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222
5439000	3/6/2012	101	101	1.62	170.45	2783	17.3601%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.77138222
5439000	4/16/1926	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	10/13/1926	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	12/4/1926	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	12/13/1926	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	2/17/1927	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	3/19/1927	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	3/28/1927	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	4/9/1927	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	4/28/1927	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	5/23/1927	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	6/22/1927	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	4/2/1928	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	10/1/1980	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	9/29/1981	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	7/13/1982	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	7/14/1983	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	6/6/1984	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	12/14/1984	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	5/25/1989	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	5/23/1990	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/14/1990	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	2/4/1991	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	5/21/1991	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	5/12/1993	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	2/18/1994	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	12/30/1994	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	6/21/1999	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	6/23/1999	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	6/23/2000	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	3/13/2001	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	5/27/2002	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	1/16/2005	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	6/11/2006	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	12/27/2006	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	4/6/2007	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	2/17/2009	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	5/22/2009	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	5/22/2011	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	6/20/2011	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	5/2/2013	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	3/24/2014	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	4/12/2015	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	4/29/2015	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	7/6/2015	100	100	1.62	168.83	2802	17.4786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	55.24225794
5439000	3/30/1929	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	5/3/1929	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	6/23/1929	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	11/28/1931	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	12/15/1931	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	3/8/1932	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	4/4/1932	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/1/1933	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	3/31/1933	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	10/21/1980	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	4/22/1982	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	7/30/1982	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	3/26/1983	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	4/23/1983	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	6/28/1983	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	11/25/1983	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	5/22/1984	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	3/28/1985	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	11/5/1987	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	12/5/1987	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	1/25/1988	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	9/12/1989	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	2/1/1990	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	2/3/1990	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	5/27/1990	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	12/15/1990	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	3/4/1991	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	4/21/1992	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	11/11/1992	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	3/5/1994	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	3/10/1994	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	3/19/1994	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	6/9/1995	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	3/26/1998	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	3/25/2008	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	5/17/2008	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	5/28/2008	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	6/7/2008	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/8/2008	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	6/25/2009	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	5/7/2010	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	4/15/2012	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	5/6/2013	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	6/16/2013	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	6/12/2015	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	7/9/2015	99	99	1.62	167.21	2846	17.7531%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.71313366
5439000	7/21/1980	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	2/28/1981	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	6/29/1983	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	6/30/1985	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	6/1/1986	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	10/6/1986	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	6/11/1987	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	9/15/1989	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	1/13/1993	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	2/4/1993	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	11/15/1995	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	5/21/1998	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	7/9/1998	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	2/16/1999	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	3/21/1999	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	7/6/2000	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	3/26/2001	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	4/28/2002	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	6/16/2002	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	4/16/2007	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	6/5/2009	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	5/23/2011	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	4/14/2013	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/29/2014	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	5/20/2015	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	6/1/2015	98	98	1.62	165.60	2892	18.0400%	Zinc	--	µg/L	60.7	28.3	#VALUE!	54.18400938
5439000	11/16/1927	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	3/14/1928	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	3/31/1930	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	4/26/1930	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	12/27/1979	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	4/21/1980	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	6/23/1981	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	3/26/1982	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	12/19/1982	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	3/25/1983	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	6/27/1983	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	12/10/1985	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	8/10/1989	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	2/7/1990	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	3/26/1990	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	4/14/1990	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	12/10/1990	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	4/23/1991	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	2/2/1993	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	3/17/1993	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	9/19/1993	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	11/29/1994	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	5/26/1997	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	2/18/1998	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	3/13/1998	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	5/25/2006	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	5/4/2007	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	1/15/2008	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/1/2008	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	10/28/2008	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	11/14/2008	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	4/15/2009	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	7/26/2010	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	7/16/2015	97	97	1.62	163.98	2918	18.2022%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.6548851
5439000	11/29/1928	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	12/1/1928	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	6/7/1931	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	6/9/1984	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	6/15/1984	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	6/15/1986	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	5/7/1991	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	3/12/1992	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	3/13/1993	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	8/4/1996	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	8/14/1996	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	3/13/1997	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	3/14/1997	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	5/12/1997	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	3/17/1998	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	6/9/1999	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	4/14/2001	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	6/1/2001	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	2/24/2002	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	3/15/2002	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	5/28/2002	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	4/4/2004	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	11/15/2008	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	12/14/2008	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	2/18/2009	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/3/2009	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	4/12/2010	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	5/8/2010	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	6/21/2011	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	12/22/2011	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	2/1/2012	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	2/21/2014	96	96	1.62	162.36	2952	18.4143%	Zinc	--	µg/L	60.7	28.3	#VALUE!	53.12576082
5439000	1/21/1932	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	1/20/1933	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	3/29/1933	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	5/19/1933	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	5/18/1983	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	6/4/1983	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	11/27/1983	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	5/1/1984	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	1/17/1988	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	2/4/1988	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	4/16/1988	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	4/15/1990	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	6/15/1990	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	12/16/1990	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	12/20/1990	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	5/22/1991	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	3/25/1992	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	10/20/1993	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	3/14/1995	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	5/23/1999	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	6/10/2001	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	6/10/2006	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	3/23/2009	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	11/8/2009	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/25/2009	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	3/25/2010	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	3/26/2011	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	4/15/2014	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	8/21/2014	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	7/19/2015	95	95	1.62	160.74	2984	18.6139%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.59663654
5439000	10/14/1927	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	12/2/1927	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	2/25/1981	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	2/27/1984	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	4/5/1984	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	6/4/1984	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	3/20/1985	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	6/17/1990	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	2/8/1991	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	4/3/1991	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	11/18/1992	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	7/30/1993	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	6/4/2001	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	5/29/2002	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	5/4/2003	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	5/23/2003	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	12/12/2003	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	4/20/2008	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	5/24/2009	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	3/16/2011	94	94	1.62	159.13	3014	18.8011%	Zinc	--	µg/L	60.7	28.3	#VALUE!	52.06751226
5439000	2/24/1926	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	3/5/1926	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	12/5/1926	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	2/14/1927	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	4/8/1927	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/5/1927	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	5/14/1927	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	6/8/1927	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	4/5/1980	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	10/2/1980	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	5/6/1981	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	10/28/1986	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	9/19/1987	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	11/18/1987	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	4/17/1988	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	7/22/1989	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	5/5/1991	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	2/28/1992	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	12/6/1992	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	1/10/1993	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	10/21/1993	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	11/27/1994	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	5/20/1997	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	3/28/1998	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	11/13/1998	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	6/6/2000	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	8/22/2002	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	2/23/2004	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	4/21/2004	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	4/25/2004	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	6/21/2004	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	4/11/2007	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	6/1/2008	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	12/17/2008	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	12/20/2008	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	6/6/2009	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/30/2010	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	6/30/2010	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	5/4/2011	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	3/12/2012	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	7/9/2014	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	7/12/2014	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	4/13/2015	93	93	1.62	157.51	3034	18.9258%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.53838799
5439000	4/10/1929	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	10/1/1981	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	5/8/1983	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	12/15/1983	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	6/13/1984	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	12/10/1986	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	6/6/1989	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	2/6/1990	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	5/16/1991	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	5/17/1991	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	1/17/1992	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	12/23/1992	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	7/6/1993	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	11/2/1994	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	5/21/1995	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	5/9/1996	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	1/4/1998	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	5/22/1998	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	6/10/1999	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	10/26/2001	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	4/16/2002	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	5/4/2002	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	5/30/2002	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	5/1/2006	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/7/2007	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	9/8/2007	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	2/21/2008	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	10/9/2008	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	10/29/2008	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	4/10/2009	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	11/29/2009	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	2/25/2011	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	3/24/2013	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	7/1/2015	92	92	1.62	155.89	3077	19.1941%	Zinc	--	µg/L	60.7	28.3	#VALUE!	51.00926371
5439000	12/2/1928	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	7/3/1931	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	1/22/1932	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	1/23/1932	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	2/15/1932	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	4/5/1932	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	12/23/1932	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	2/23/1933	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	3/30/1933	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	4/4/1933	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	4/10/1933	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	5/18/1933	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	5/22/1933	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	2/23/1980	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	4/7/1980	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	3/1/1981	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	1/3/1983	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	12/2/1983	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	4/29/1984	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	4/4/1985	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	9/30/1986	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/6/1987	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	2/11/1990	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	5/28/1990	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	12/5/1992	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	5/13/1993	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	7/1/1994	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	6/10/1995	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	1/5/1997	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	5/3/1997	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	3/27/1998	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	7/5/1998	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	6/17/2002	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	12/12/2006	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	12/6/2011	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	3/9/2012	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	6/1/2013	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	4/30/2015	91	91	1.62	154.28	3111	19.4062%	Zinc	--	µg/L	60.7	28.3	#VALUE!	50.48013943
5439000	6/21/1926	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	10/14/1926	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	2/16/1927	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	11/26/1927	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	1/10/1928	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	3/27/1928	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	4/19/1928	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	3/16/1980	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	3/18/1980	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	4/22/1980	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	5/20/1981	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	2/27/1983	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	12/28/1984	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	3/29/1985	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/20/1986	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	9/9/1987	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	1/2/1988	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	3/5/1989	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	9/3/1989	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	2/25/1990	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	8/12/1990	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	12/7/1990	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	4/4/1991	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	6/7/1991	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	11/6/1992	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	12/24/1992	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	3/14/1993	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	10/4/1993	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	10/10/1993	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	2/28/1994	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	3/16/1994	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	11/18/1994	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	12/24/1994	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	1/6/1995	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	3/15/1995	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	4/9/1995	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	4/26/1995	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	5/4/1997	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	3/2/1998	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	6/24/1999	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	6/30/2000	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	5/31/2002	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	6/27/2006	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	12/15/2008	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	2/19/2009	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/25/2009	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	1/3/2010	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	3/17/2011	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	4/8/2011	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	3/5/2012	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	5/12/2012	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	4/15/2013	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	7/6/2013	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	3/18/2015	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	6/2/2015	90	90	1.62	152.66	3149	19.6432%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.95101515
5439000	4/3/1980	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	4/22/1981	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	6/2/1981	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	4/6/1985	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	11/24/1986	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	4/16/1987	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	5/24/1990	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	12/14/1990	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	2/22/1991	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	12/16/1991	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	11/4/1992	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	11/19/1992	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	1/31/1993	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	9/20/1993	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	3/15/1997	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	2/17/1999	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	5/24/1999	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	4/17/2001	89	89	1.62	151.04	3204	19.9863%	Zinc	100.00	µg/L	60.7	28.3	81.41991906	49.42189087
5439000	4/29/2002	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	6/19/2004	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	2/19/2005	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/10/2008	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	4/7/2008	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	9/27/2008	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	4/13/2010	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	4/9/2011	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	5/5/2011	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	5/6/2011	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	11/14/2011	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	5/4/2015	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	5/21/2015	89	89	1.62	151.04	3204	19.9863%	Zinc	--	µg/L	60.7	28.3	#VALUE!	49.42189087
5439000	4/15/1929	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	4/19/1929	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	5/4/1929	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	6/24/1929	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	8/25/1980	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	4/24/1983	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	5/1/1983	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	3/31/1984	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	11/3/1984	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	12/17/1984	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	6/15/1987	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	1/16/1988	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	2/28/1990	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	2/9/1991	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	11/10/1992	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	3/16/1993	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	12/31/1994	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	1/3/1995	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	5/3/1995	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	8/15/1996	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	3/16/1999	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/29/1999	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	4/26/2000	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	2/22/2001	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	2/20/2005	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	12/28/2006	88	88	1.62	149.42	3235	20.1797%	Zinc	110.00	µg/L	60.7	28.3	88.60303665	48.89276659
5439000	4/17/2007	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	5/5/2007	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	7/27/2007	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	12/21/2008	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	6/7/2009	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	5/22/2010	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	3/13/2012	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	6/28/2014	88	88	1.62	149.42	3235	20.1797%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.89276659
5439000	7/2/1931	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	12/16/1931	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	4/5/1933	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	4/23/1982	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	11/11/1982	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	12/20/1982	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	7/15/1983	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	4/6/1984	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	4/28/1984	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	5/2/1984	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	5/3/1984	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	6/5/1984	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	4/5/1985	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	4/28/1987	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	2/5/1988	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	3/27/1990	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	6/24/1990	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	4/22/1992	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/20/1995	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	5/15/1996	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	6/30/1996	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	6/21/1998	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	12/10/1998	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	6/11/2000	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	3/27/2001	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	5/1/2002	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	5/5/2002	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	3/10/2004	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	1/16/2008	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	6/26/2009	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	5/26/2010	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	6/13/2010	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	3/22/2011	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	6/22/2011	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	5/31/2013	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	5/3/2015	87	87	1.62	147.81	3269	20.3917%	Zinc	--	µg/L	60.7	28.3	#VALUE!	48.36364231
5439000	1/31/1926	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	9/18/1926	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	3/29/1927	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	4/3/1928	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	6/27/1928	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	7/25/1928	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	12/3/1928	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	3/28/1930	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	4/1/1930	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	4/27/1930	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	4/28/1930	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	6/9/1931	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	3/19/1980	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/3/1980	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	10/22/1980	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	12/11/1980	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	2/18/1981	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	3/30/1982	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	5/13/1983	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	4/7/1985	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	6/16/1986	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	5/30/1987	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	1/26/1988	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	3/6/1990	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	9/11/1992	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	9/2/1993	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	3/16/1995	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	2/19/1998	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	3/14/1998	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	3/1/2000	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	4/26/2004	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	12/19/2006	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	5/18/2008	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	1/7/2009	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	6/22/2010	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	2/26/2011	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	1/23/2012	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	5/7/2013	86	86	1.62	146.19	3305	20.6163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.83451803
5439000	6/25/1981	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	10/21/1981	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	6/4/1982	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	1/4/1983	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	6/5/1983	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	2/28/1984	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/4/1984	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	3/21/1985	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	3/3/1986	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	7/3/1990	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	2/20/1991	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	12/17/1991	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	12/25/1992	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	2/11/1993	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	12/27/1993	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	1/21/1995	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	5/5/1997	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	6/25/1997	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	5/23/1998	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	7/21/1999	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	4/11/2001	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	5/6/2002	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	5/2/2006	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	12/2/2006	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	7/25/2007	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	3/9/2008	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	3/6/2009	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	8/7/2010	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	11/8/2011	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	12/23/2011	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	3/10/2012	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	7/8/2013	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	7/16/2014	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	5/22/2015	85	85	1.62	144.57	3343	20.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	47.30539375
5439000	6/9/1980	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	5/7/1981	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	12/23/1982	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/9/1983	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	4/18/1988	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	9/16/1989	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	7/22/1990	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	11/8/1990	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	4/5/1991	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	12/4/1991	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	3/6/1992	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	1/27/1993	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	3/17/1994	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	4/22/1995	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	5/13/1997	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	3/3/1998	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	3/29/1998	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	7/2/2000	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	4/6/2001	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	6/11/2001	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	6/3/2002	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	1/1/2007	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	9/9/2007	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	3/26/2008	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	4/21/2008	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	11/16/2008	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	12/16/2008	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	11/9/2009	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	3/26/2010	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	3/27/2011	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	3/20/2013	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	6/21/2013	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	5/24/2015	84	84	1.62	142.96	3377	21.0654%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.77626947
5439000	1/20/1928	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/19/1928	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	7/3/1928	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	7/9/1928	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	3/4/1930	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	11/29/1931	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	1/4/1932	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	1/29/1932	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	5/9/1932	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	1/22/1933	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	1/24/1933	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	1/27/1933	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	4/11/1933	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	7/6/1933	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	2/25/1980	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	6/10/1984	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	7/17/1986	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	2/4/1987	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	6/3/1987	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	9/20/1987	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	1/15/1988	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	1/28/1988	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	2/27/1988	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	2/27/1990	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	3/1/1990	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	3/28/1990	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	2/10/1991	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	5/23/1991	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	2/20/1992	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	3/13/1992	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	3/22/1993	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	6/15/1994	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/17/1996	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	4/14/1997	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	5/24/1998	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	5/31/2000	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	7/14/2000	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	3/14/2001	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	2/25/2002	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	6/1/2002	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	4/5/2004	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	6/22/2004	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	4/8/2007	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	8/13/2007	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	3/27/2008	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	3/28/2008	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	5/29/2008	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	4/16/2009	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	5/7/2011	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	5/24/2011	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	4/16/2014	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	6/3/2015	83	83	1.62	141.34	3410	21.2713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	46.24714519
5439000	3/6/1926	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	9/22/1926	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	12/7/1926	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	3/30/1927	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	4/10/1927	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	5/6/1927	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	5/15/1927	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	5/17/1929	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	5/25/1929	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	3/30/1931	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	10/24/1980	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/14/1982	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	11/16/1982	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	4/25/1983	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	5/20/1983	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	12/11/1985	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	4/29/1987	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	11/6/1987	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	3/29/1990	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	6/20/1990	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	12/21/1990	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	4/24/1991	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	4/23/1992	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	5/22/1995	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	11/16/1995	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	3/16/1997	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	5/7/1997	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	3/30/1998	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	3/22/1999	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	5/14/2000	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	3/6/2001	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	4/7/2001	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	4/17/2002	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	5/24/2003	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	3/24/2004	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	2/9/2005	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	4/17/2006	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	6/17/2008	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	3/5/2010	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	4/10/2011	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	2/2/2012	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	2/5/2012	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/14/2014	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	7/2/2015	82	82	1.62	139.72	3462	21.5957%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.71802091
5439000	4/6/1980	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	10/4/1980	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	5/21/1981	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	3/11/1982	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	3/22/1985	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	3/23/1985	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	6/2/1986	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	12/11/1986	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	9/10/1987	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	9/29/1987	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	12/15/1987	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	3/7/1990	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	4/16/1990	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	5/29/1990	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	12/8/1990	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	6/14/1991	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	3/26/1992	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	5/14/1993	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	7/31/1993	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	6/11/1995	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	2/20/1998	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	11/14/1998	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	5/25/1999	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	8/7/2000	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	4/30/2002	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	5/9/2002	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	6/18/2002	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	6/20/2004	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	12/31/2006	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/2/2008	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	4/11/2009	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	1/4/2010	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	6/14/2010	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	6/23/2011	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	1/24/2012	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	4/16/2013	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	6/17/2013	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	3/25/2014	81	81	1.62	138.10	3506	21.8701%	Zinc	--	µg/L	60.7	28.3	#VALUE!	45.18889664
5439000	10/15/1927	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	11/27/1927	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	3/28/1928	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	6/22/1928	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	6/28/1928	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	6/29/1928	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	5/5/1929	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	4/29/1930	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	12/28/1979	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	4/23/1980	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	9/5/1980	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	4/18/1981	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	5/8/1981	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	4/24/1982	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	7/31/1982	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	2/28/1983	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	4/1/1984	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	3/30/1985	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	3/21/1986	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	6/1/1987	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	11/19/1987	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	12/18/1987	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/27/1988	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	2/6/1988	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	2/12/1990	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	6/19/1990	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	12/30/1990	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	12/7/1992	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	12/26/1992	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	1/12/1993	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	3/15/1993	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	8/23/1993	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	11/30/1994	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	1/23/1995	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	2/18/1999	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	2/3/2001	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	6/2/2002	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	6/1/2003	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	3/2/2004	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	6/6/2007	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	12/27/2007	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	7/16/2008	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	1/31/2010	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	4/14/2010	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	2/27/2011	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	3/18/2011	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	3/11/2012	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	2/19/2013	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	7/10/2015	80	80	1.62	136.49	3544	22.1072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.65977236
5439000	4/17/1926	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	6/22/1926	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	7/4/1926	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	10/15/1926	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/16/1926	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	12/6/1926	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	1/31/1927	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	6/9/1927	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	6/23/1927	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	12/11/1931	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	1/5/1932	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	1/9/1932	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	1/24/1932	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	2/16/1932	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	6/6/1932	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	2/3/1933	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	5/30/1933	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	7/11/1933	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	2/21/1982	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	3/18/1983	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	5/10/1983	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	6/6/1983	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	12/11/1983	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	4/8/1985	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	10/26/1985	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	2/22/1988	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	7/29/1989	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	6/8/1991	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	9/3/1993	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	12/19/1993	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	1/1/1995	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	3/17/1995	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	12/12/1996	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	1/12/1998	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	10/22/1998	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/7/2000	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	4/18/2001	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	2/6/2005	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	2/21/2005	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	12/20/2006	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	7/14/2007	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	7/22/2008	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	10/30/2008	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	3/4/2009	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	4/17/2009	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	12/7/2011	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	5/8/2013	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	6/2/2013	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	4/6/2014	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	5/21/2014	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	9/10/2014	79	79	1.62	134.87	3593	22.4128%	Zinc	--	µg/L	60.7	28.3	#VALUE!	44.13064808
5439000	1/5/1929	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	4/16/1929	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	4/17/1929	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	7/2/1929	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	10/23/1980	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	12/12/1980	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	5/31/1987	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	3/28/1988	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	8/11/1989	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	2/5/1990	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	5/8/1991	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	4/24/1992	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	1/11/1993	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	5/4/1995	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	12/13/1996	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/6/1997	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	4/15/1997	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	4/27/2000	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	6/7/2000	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	7/1/2000	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	3/12/2001	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	3/28/2001	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	4/21/2001	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	3/16/2002	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	4/21/2002	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	5/7/2002	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	4/22/2004	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	2/13/2005	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	4/18/2007	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	8/16/2007	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	3/29/2008	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	4/22/2008	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	7/19/2008	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	3/5/2009	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	3/27/2010	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	11/27/2011	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	12/24/2011	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	1/3/2012	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	3/14/2012	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	4/16/2012	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	5/13/2012	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	5/10/2013	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	7/7/2013	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	7/10/2014	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	7/20/2015	78	78	1.62	133.25	3644	22.7310%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.6015238
5439000	6/3/1981	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/30/1981	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	11/24/1982	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	12/21/1982	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	1/5/1983	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	3/8/1983	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	4/26/1983	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	4/17/1984	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	5/4/1984	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	2/8/1986	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	10/29/1986	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	11/7/1987	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	1/14/1988	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	2/13/1990	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	12/9/1990	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	4/6/1991	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	2/24/1992	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	3/14/1992	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	1/14/1993	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	7/7/1993	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	7/2/1994	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	6/12/2001	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	4/18/2002	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	4/6/2004	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	3/8/2005	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	5/26/2006	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	1/5/2007	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	7/17/2007	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	3/30/2008	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	9/28/2008	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	4/18/2009	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	6/27/2009	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/5/2010	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	4/25/2010	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	2/27/2012	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	5/1/2015	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	6/4/2015	77	77	1.62	131.64	3689	23.0117%	Zinc	--	µg/L	60.7	28.3	#VALUE!	43.07239952
5439000	2/22/1926	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	2/18/1927	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	11/17/1927	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	1/9/1928	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	1/12/1928	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	2/16/1928	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	4/20/1928	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	1/2/1930	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	3/5/1930	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	4/30/1930	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	6/26/1931	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	11/30/1931	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	12/17/1931	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	1/30/1932	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	2/17/1932	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	4/6/1932	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	1/25/1933	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	4/12/1933	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	5/23/1933	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	5/21/1983	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	6/16/1984	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	1/2/1985	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	3/24/1985	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	10/7/1986	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	12/8/1986	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	2/7/1988	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/13/1989	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	1/18/1990	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	2/4/1990	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	3/5/1991	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	5/24/1991	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	6/11/1991	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	2/29/1992	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	10/22/1993	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	8/11/1994	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	2/27/1995	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	4/23/1995	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	2/10/1996	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	7/2/1996	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	8/16/1996	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	4/13/1997	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	5/14/1997	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	1/13/1998	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	3/4/1998	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	3/15/1998	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	5/25/1998	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	6/22/1998	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	6/25/1999	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	4/9/2001	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	4/19/2001	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	3/17/2002	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	4/19/2002	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	5/8/2002	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	1/20/2007	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	9/10/2007	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	6/2/2008	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	10/31/2008	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/12/2009	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	11/30/2009	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	5/23/2010	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	3/20/2011	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	3/21/2011	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	9/27/2011	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	2/4/2012	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	5/9/2013	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	5/20/2014	76	76	1.62	130.02	3726	23.2425%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.54327524
5439000	1/2/1929	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	1/23/1929	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	1/25/1929	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	2/26/1929	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	5/12/1929	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	5/15/1929	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	6/25/1929	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	5/9/1981	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	5/22/1981	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	2/27/1982	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	6/14/1983	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	7/16/1983	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	4/3/1984	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	12/13/1985	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	4/23/1988	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	3/30/1990	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	2/12/1991	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	4/25/1991	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	12/5/1991	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	1/28/1993	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	10/11/1993	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	12/20/1993	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/24/1995	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	11/20/1995	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	5/16/1996	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	7/1/1996	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	12/11/1998	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	11/11/2000	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	3/7/2001	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	12/29/2006	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	4/25/2008	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	11/10/2009	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	3/28/2010	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	4/15/2010	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	6/18/2010	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	4/11/2011	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	3/23/2013	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	5/23/2015	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	7/3/2015	75	75	1.62	128.40	3792	23.6542%	Zinc	--	µg/L	60.7	28.3	#VALUE!	42.01415096
5439000	11/23/1982	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	12/22/1982	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	1/6/1983	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	3/1/1983	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	5/11/1983	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	12/3/1983	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	2/29/1984	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	4/2/1984	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	4/13/1984	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	4/16/1984	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	4/18/1984	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	1/4/1985	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	2/23/1986	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	3/8/1986	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/3/1986	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	6/4/1986	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	9/11/1987	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	9/21/1987	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	12/16/1987	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	2/8/1988	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	4/19/1988	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	2/16/1990	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	5/30/1990	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	6/16/1990	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	8/24/1990	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	12/22/1990	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	2/11/1991	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	4/27/1991	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	3/1/1992	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	5/15/1993	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	3/11/1994	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	11/19/1994	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	11/21/1994	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	6/12/1995	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	7/5/1995	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	5/21/1997	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	5/27/1997	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	3/23/1999	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	3/11/2004	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	3/13/2006	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	4/18/2006	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	5/3/2006	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	5/18/2006	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	4/9/2007	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	8/6/2007	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/10/2008	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	7/1/2010	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	3/28/2011	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	6/24/2011	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	12/25/2011	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	4/14/2015	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	6/7/2015	74	74	1.62	126.79	3831	23.8974%	Zinc	--	µg/L	60.7	28.3	#VALUE!	41.48502668
5439000	10/8/1930	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	8/9/1980	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	6/26/1981	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	3/27/1982	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	4/25/1982	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	6/5/1982	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	3/7/1983	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	4/30/1983	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	4/7/1984	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	9/30/1987	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	11/25/1987	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	11/26/1987	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	4/20/1988	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	11/9/1990	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	3/6/1991	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	4/7/1991	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	11/7/1992	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	12/29/1992	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	12/2/1993	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	12/1/1994	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	1/2/1995	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	2/21/1998	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	3/16/1998	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	2/19/1999	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/26/1999	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	3/8/2001	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	4/20/2001	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	6/19/2002	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	5/25/2003	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	4/27/2004	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	3/7/2005	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	5/28/2006	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	6/12/2006	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	1/4/2007	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	5/27/2007	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	9/11/2007	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	5/19/2008	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	11/17/2008	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	11/15/2011	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	2/6/2012	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	3/15/2012	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	3/21/2013	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	4/17/2014	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	10/16/2014	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	3/19/2015	73	73	1.62	125.17	3883	24.2218%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.9559024
5439000	1/5/1926	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	2/23/1926	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	3/7/1926	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	10/17/1926	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	12/8/1926	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	12/12/1926	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	2/19/1927	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	4/13/1927	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	4/15/1927	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	5/7/1927	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/16/1927	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	5/19/1927	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	12/3/1927	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	1/8/1928	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	12/13/1928	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	1/8/1929	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	5/6/1929	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	5/23/1929	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	7/13/1929	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	1/25/1932	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	1/26/1932	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	3/9/1932	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	4/7/1932	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	12/28/1932	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	1/26/1933	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	4/18/1933	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	4/24/1980	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	8/26/1980	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	10/5/1980	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	4/19/1981	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	10/22/1981	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	11/25/1982	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	3/9/1983	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	6/16/1983	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	11/26/1983	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	12/16/1983	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	6/18/1984	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	12/18/1984	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	4/9/1985	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	6/5/1986	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	11/23/1986	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/8/1987	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	1/13/1988	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	2/9/1988	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	7/12/1989	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	9/17/1989	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	6/25/1990	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	5/9/1991	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	4/25/1992	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	9/9/1992	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	12/8/1992	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	8/1/1993	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	9/21/1993	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	10/23/1993	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	3/18/1995	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	3/28/1995	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	3/29/1995	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	3/30/1995	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	11/17/1995	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	5/6/1997	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	5/26/1998	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	3/29/2001	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	4/8/2001	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	2/26/2002	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	4/22/2002	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	2/28/2005	72	72	1.62	123.55	3928	24.5025%	Zinc	71.00	µg/L	60.7	28.3	47.28667622	40.42677812
5439000	1/6/2007	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	6/19/2007	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	6/28/2009	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	1/6/2010	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	5/8/2011	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	5/12/2011	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/3/2012	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	2/10/2013	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	7/9/2013	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	7/17/2014	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	5/2/2015	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	6/8/2015	72	72	1.62	123.55	3928	24.5025%	Zinc	--	µg/L	60.7	28.3	#VALUE!	40.42677812
5439000	5/26/1929	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	10/25/1980	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	5/10/1981	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	8/14/1981	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	6/7/1983	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	4/10/1985	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	10/19/1985	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	4/17/1987	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	11/20/1987	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	11/27/1987	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	2/19/1988	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	2/22/1990	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	7/4/1990	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	4/26/1991	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	6/9/1991	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	11/20/1994	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	4/24/1995	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	7/4/1995	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	12/16/1996	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	2/23/2001	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	3/18/2002	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	5/16/2006	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	5/17/2006	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	12/30/2006	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	11/11/2009	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/1/2009	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	4/16/2010	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	5/25/2010	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	7/11/2015	71	71	1.62	121.93	4006	24.9891%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.89765384
5439000	3/6/1930	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	6/15/1982	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	4/27/1983	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	4/28/1983	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	5/12/1983	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	6/11/1984	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	3/27/1985	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	1/18/1986	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	1/22/1986	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	3/22/1986	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	6/17/1986	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	11/25/1986	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	10/1/1987	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	12/17/1987	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	2/10/1988	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	3/6/1989	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	3/31/1990	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	4/1/1990	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	4/17/1990	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	5/31/1990	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	8/19/1990	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	2/21/1991	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	12/7/1991	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	1/18/1992	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	11/9/1992	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	12/27/1992	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	1/15/1993	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/5/1993	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	10/9/1993	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	3/25/1994	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	1/7/1995	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	1/25/1995	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	2/19/1995	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	5/5/1995	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	3/25/1997	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	3/29/1997	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	4/16/1997	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	5/2/1997	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	7/10/1998	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	5/31/1999	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	3/11/2001	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	4/20/2002	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	4/24/2002	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	2/5/2005	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	5/6/2007	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	6/18/2008	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	10/3/2008	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	2/20/2009	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	1/22/2012	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	7/11/2014	70	70	1.62	120.32	4035	25.1700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	39.36852957
5439000	4/6/1926	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	4/18/1926	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	8/22/1926	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	12/9/1926	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	12/10/1926	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	12/11/1926	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	2/20/1927	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	3/31/1927	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/11/1927	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	5/8/1927	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	5/18/1927	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	3/29/1928	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	4/4/1928	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	4/21/1928	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	5/14/1929	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	5/18/1929	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	6/28/1929	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	4/2/1980	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	6/10/1980	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	3/2/1981	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	12/4/1983	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	4/12/1984	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	12/19/1984	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	12/22/1984	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	6/11/1986	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	7/18/1986	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	2/28/1988	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	2/29/1988	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	3/13/1989	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	6/21/1990	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	8/5/1990	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	4/8/1991	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	10/24/1993	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	12/15/1996	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	6/26/1997	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	2/22/1998	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	2/26/1998	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	5/27/1998	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	6/23/1998	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/24/1999	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	5/27/1999	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	5/28/1999	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	4/10/2001	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	3/4/2004	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	4/7/2004	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	6/28/2006	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	1/2/2007	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	1/3/2007	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	5/7/2007	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	6/7/2007	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	7/28/2007	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	1/8/2009	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	7/12/2010	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	7/27/2010	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	12/27/2011	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	5/14/2012	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	6/18/2013	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	7/10/2013	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	10/15/2014	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	6/5/2015	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	7/4/2015	69	69	1.62	118.70	4085	25.4819%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.83940529
5439000	12/5/1928	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	12/18/1931	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	12/19/1931	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	1/10/1932	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	1/28/1932	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	5/7/1932	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	2/26/1933	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	3/26/1933	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	4/17/1933	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/31/1933	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	10/6/1980	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	2/26/1981	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	5/23/1981	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	7/15/1982	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	11/17/1982	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	1/7/1983	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	4/14/1984	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	4/15/1984	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	6/16/1987	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	2/24/1988	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	2/26/1988	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	4/20/1990	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	4/21/1990	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	6/1/1990	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	12/18/1991	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	2/21/1992	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	2/3/1993	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	2/8/1993	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	12/18/1993	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	3/19/1995	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	6/13/1995	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	3/17/1997	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	3/26/1997	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	3/27/1997	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	3/28/1997	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	4/17/1997	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	5/18/1997	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	6/12/1997	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	1/14/1998	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	12/12/1998	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/26/1999	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	3/2/2000	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	5/15/2000	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	6/8/2000	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	7/8/2000	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	11/9/2000	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	6/13/2001	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	4/28/2004	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	6/23/2004	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	12/4/2006	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	4/19/2007	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	5/28/2007	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	4/23/2008	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	1/7/2010	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	4/4/2010	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	5/27/2010	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	4/16/2011	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	4/7/2014	68	68	1.62	117.08	4146	25.8624%	Zinc	--	µg/L	60.7	28.3	#VALUE!	38.31028101
5439000	3/7/1930	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	4/2/1930	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	5/1/1930	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	12/29/1979	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	9/6/1980	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	10/7/1980	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	11/3/1982	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	3/2/1983	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	6/12/1984	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	12/21/1984	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	7/1/1985	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	2/11/1988	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	2/18/1988	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/21/1988	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	4/22/1988	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	6/2/1990	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	6/26/1990	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	4/29/1991	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	5/10/1991	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	6/10/1991	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	1/20/1993	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	12/21/1993	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	3/2/1994	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	12/2/1994	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	3/20/1995	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	3/31/1995	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	6/16/1995	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	8/15/1995	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	5/15/1997	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	2/24/1998	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	3/5/1998	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	7/6/1998	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	11/15/1998	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	4/28/2000	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	4/22/2001	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	3/1/2004	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	3/9/2005	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	12/5/2006	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	1/8/2007	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	4/10/2007	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	4/24/2008	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	4/26/2008	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	11/13/2008	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	1/9/2009	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/29/2009	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	11/12/2009	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	2/1/2010	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	3/19/2011	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	5/9/2011	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	7/24/2011	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	12/26/2011	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	2/28/2012	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	3/16/2012	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	5/11/2013	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	4/15/2015	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	4/20/2015	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	7/21/2015	67	67	1.62	115.47	4204	26.2242%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.78115673
5439000	4/19/1926	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	4/20/1926	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	9/19/1926	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	2/12/1927	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	4/12/1927	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	4/14/1927	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	5/20/1927	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	6/10/1927	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	12/4/1927	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	12/7/1927	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	12/8/1927	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	1/13/1928	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	1/22/1928	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	3/31/1928	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	8/6/1928	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	5/13/1929	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	6/26/1929	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	8/3/1929	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/26/1982	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	11/20/1982	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	4/29/1983	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	6/8/1983	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	6/10/1983	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	11/4/1984	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	12/14/1985	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	9/12/1987	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	9/22/1987	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	2/25/1988	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	11/16/1988	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	4/2/1990	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	4/22/1990	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	12/23/1990	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	12/6/1991	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	3/15/1992	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	4/11/1992	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	4/26/1992	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	5/16/1993	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	5/17/1993	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	6/15/1995	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	11/18/1995	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	11/19/1995	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	5/17/1996	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	8/18/1996	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	4/19/1997	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	5/22/1997	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	2/23/1998	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	5/29/1998	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	12/6/1998	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	3/3/1999	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/22/1999	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	7/15/2000	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	3/30/2001	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	3/31/2001	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	4/5/2001	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	4/23/2001	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	4/27/2002	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	6/20/2002	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	5/30/2003	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	1/17/2005	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	2/22/2005	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	12/3/2006	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	7/26/2007	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	5/9/2010	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	5/24/2010	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	3/29/2011	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	5/10/2011	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	11/28/2011	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	12/8/2011	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	2/13/2013	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	6/15/2014	66	66	1.62	113.85	4261	26.5798%	Zinc	--	µg/L	60.7	28.3	#VALUE!	37.25203245
5439000	12/26/1928	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	12/20/1931	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	1/27/1932	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	5/10/1932	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	4/13/1933	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	4/19/1933	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	5/24/1933	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	3/20/1980	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	4/25/1980	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	10/16/1980	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/4/1981	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	6/27/1981	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	8/1/1982	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	7/17/1983	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	4/8/1984	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	5/5/1984	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	6/17/1984	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	3/26/1985	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	4/11/1985	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	3/23/1986	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	10/8/1986	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	4/14/1987	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	4/30/1987	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	10/2/1987	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	1/12/1988	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	2/12/1988	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	9/4/1989	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	9/18/1989	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	12/31/1990	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	2/23/1992	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	3/2/1992	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	3/29/1992	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	4/15/1992	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	12/10/1992	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	1/16/1993	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	3/1/1994	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	8/14/1994	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	1/26/1995	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	11/21/1995	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	12/14/1996	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	5/23/1997	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/28/1997	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	2/8/1998	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	5/28/1998	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	6/24/1998	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	10/23/1998	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	2/20/1999	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	2/28/1999	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	3/19/2002	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	4/23/2002	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	5/29/2003	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	4/8/2004	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	3/10/2005	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	1/7/2007	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	2/22/2008	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	10/11/2008	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	12/2/2009	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	3/29/2010	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	4/12/2011	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	6/25/2011	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	8/23/2011	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	12/30/2011	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	1/1/2012	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	1/31/2013	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	3/22/2013	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	3/26/2015	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	7/12/2015	65	65	1.62	112.23	4331	27.0164%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.72290817
5439000	5/2/1930	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	9/26/1930	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	3/31/1931	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	2/22/1980	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	10/8/1980	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/13/1980	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	5/24/1981	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	10/23/1981	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	3/3/1983	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	3/1/1984	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	3/16/1984	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	4/19/1984	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	1/3/1985	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	3/25/1985	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	12/16/1985	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	1/3/1988	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	2/16/1988	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	2/17/1988	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	2/20/1988	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	3/1/1988	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	8/12/1989	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	4/23/1990	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	2/13/1991	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	4/28/1991	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	1/19/1992	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	3/24/1992	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	8/26/1993	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	7/3/1994	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	11/3/1994	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	3/6/1998	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	3/10/1999	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	5/29/1999	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	2/27/2002	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	3/20/2002	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	3/1/2005	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	5/19/2006	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/12/2007	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	1/17/2008	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	5/20/2008	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	11/1/2008	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	11/13/2009	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	1/8/2010	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	4/17/2010	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	5/11/2011	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	12/31/2011	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	1/4/2012	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	2/7/2012	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	3/31/2013	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	6/3/2013	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	3/28/2014	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	6/9/2015	64	64	1.62	110.61	4398	27.4343%	Zinc	--	µg/L	60.7	28.3	#VALUE!	36.19378389
5439000	10/18/1926	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	2/13/1927	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	5/17/1927	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	5/21/1927	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	5/22/1927	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	4/18/1929	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	5/7/1929	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	6/30/1929	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	7/3/1929	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	4/20/1981	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	11/28/1984	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	10/30/1986	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	11/26/1986	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	5/2/1987	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	11/23/1987	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	2/13/1988	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/14/1988	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	2/15/1988	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	3/2/1988	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	3/14/1989	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	2/24/1990	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	4/4/1990	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	5/11/1991	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	6/15/1991	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	1/10/1992	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	3/16/1992	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	3/17/1992	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	3/27/1992	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	11/8/1992	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	7/8/1993	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	12/28/1993	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	3/28/1994	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	3/27/1995	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	4/25/1995	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	5/6/1995	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	6/14/1995	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	6/17/1995	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	11/3/1995	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	12/17/1996	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	5/1/1997	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	2/9/1998	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	11/16/1998	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	3/2/1999	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	6/27/1999	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	3/3/2000	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	5/16/2000	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	4/1/2001	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/15/2001	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	5/10/2002	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	5/26/2003	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	2/25/2004	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	4/23/2004	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	6/24/2004	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	2/10/2005	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	4/30/2006	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	5/13/2006	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	5/15/2006	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	1/26/2007	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	5/8/2007	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	4/28/2008	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	11/19/2008	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	8/30/2009	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	2/2/2010	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	8/20/2011	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	12/3/2011	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	1/25/2012	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	1/31/2012	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	3/17/2012	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	5/15/2012	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	3/29/2014	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	5/17/2014	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	7/18/2014	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	4/16/2015	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	6/6/2015	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	7/5/2015	63	63	1.62	109.00	4449	27.7525%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.66465961
5439000	10/16/1927	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	1/15/1928	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	4/22/1928	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/30/1928	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	7/10/1928	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	7/26/1928	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	12/6/1928	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	12/27/1928	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	1/9/1929	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	1/26/1929	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	1/3/1930	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	3/8/1930	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	4/3/1930	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	10/9/1930	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	12/1/1931	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	12/21/1931	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	12/22/1931	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	1/31/1932	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	1/28/1933	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	4/14/1933	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	11/27/1979	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	12/30/1979	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	10/26/1980	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	2/27/1981	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	6/29/1981	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	10/2/1981	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	6/6/1982	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	3/4/1983	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	3/10/1983	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	6/9/1983	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	4/9/1984	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	6/6/1986	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	9/23/1987	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	11/22/1987	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/15/1989	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	5/26/1989	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	6/7/1989	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	2/18/1990	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	7/23/1990	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	11/10/1990	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	12/24/1990	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	3/16/1991	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	4/30/1991	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	12/19/1991	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	4/27/1992	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	12/9/1992	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	5/18/1993	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	8/2/1993	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	12/3/1993	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	3/3/1994	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	3/4/1994	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	3/29/1994	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	3/21/1995	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	4/1/1995	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	8/17/1996	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	3/18/1997	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	12/13/1998	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	5/30/1999	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	7/9/2000	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	6/14/2001	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	10/27/2001	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	4/25/2002	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	5/4/2006	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	1/17/2007	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	12/28/2007	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/6/2008	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	8/8/2010	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	3/30/2011	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	4/4/2011	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	6/26/2011	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	6/27/2011	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	4/8/2014	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	4/18/2014	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	8/6/2014	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	3/20/2015	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	3/27/2015	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	6/11/2015	62	62	1.62	107.38	4524	28.2203%	Zinc	--	µg/L	60.7	28.3	#VALUE!	35.13553533
5439000	4/26/1980	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	6/28/1981	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	11/26/1982	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	3/6/1983	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	6/4/1987	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	11/9/1987	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	11/21/1987	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	3/26/1988	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	8/14/1989	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	6/3/1990	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	7/5/1990	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	3/3/1992	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	3/30/1992	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	4/29/1992	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	12/11/1992	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	12/28/1992	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	3/18/1993	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	5/23/1993	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	12/22/1993	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/25/1993	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	12/3/1994	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	1/22/1995	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	5/29/1997	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	2/25/1998	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	3/4/1999	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	4/7/2002	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	7/10/2003	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	4/24/2004	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	2/24/2005	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	11/2/2008	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	11/12/2008	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	11/18/2008	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	1/9/2010	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	3/30/2010	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	7/2/2010	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	11/16/2011	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	5/31/2012	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	4/10/2013	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	3/21/2015	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	4/17/2015	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	6/10/2015	61	61	1.62	105.76	4601	28.7006%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.60641105
5439000	3/19/1926	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	4/21/1926	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	4/25/1926	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	6/23/1926	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	6/11/1927	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	6/24/1927	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	12/28/1928	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	5/11/1929	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	5/19/1929	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/27/1929	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	6/27/1929	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	10/9/1980	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	3/2/1982	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	3/28/1982	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	6/16/1982	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	11/21/1982	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	12/5/1983	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	12/17/1983	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	5/6/1984	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	12/23/1984	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	12/17/1985	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	2/19/1986	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	6/7/1986	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	12/12/1986	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	4/18/1987	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	5/1/1987	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	9/24/1987	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	1/11/1988	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	3/25/1988	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	6/27/1990	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	8/13/1990	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	1/9/1992	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	2/22/1992	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	7/16/1992	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	1/29/1993	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	2/12/1993	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	10/12/1993	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	12/29/1993	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	3/26/1994	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	12/23/1994	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/8/1995	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	6/18/1995	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	5/18/1996	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	8/19/1996	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	4/18/1997	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	4/20/1997	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	5/24/1997	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	1/15/1998	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	3/7/1998	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	5/30/1998	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	5/31/1998	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	2/27/1999	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	3/1/1999	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	3/5/1999	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	3/25/1999	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	4/9/1999	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	4/4/2001	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	3/29/2002	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	6/2/2003	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	12/13/2003	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	2/23/2005	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	4/19/2006	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	12/8/2006	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	1/18/2008	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	2/13/2008	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	6/19/2008	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	3/31/2010	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	4/18/2010	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	1/5/2011	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	3/31/2011	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	9/26/2011	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/9/2011	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	12/28/2011	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	12/29/2011	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	1/21/2012	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	3/18/2012	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	3/19/2012	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	5/16/2012	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	1/29/2013	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	2/14/2013	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	5/12/2013	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	6/19/2013	60	60	1.62	104.15	4642	28.9564%	Zinc	--	µg/L	60.7	28.3	#VALUE!	34.07728677
5439000	10/4/1927	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	11/18/1927	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	12/5/1927	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	12/30/1927	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	5/20/1928	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	12/7/1928	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	3/9/1930	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	3/10/1930	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	6/26/1930	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	8/27/1980	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	7/1/1981	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	8/17/1981	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	8/29/1981	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	1/10/1983	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	4/12/1985	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	10/27/1985	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	7/19/1986	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	3/1/1987	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	6/17/1987	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	9/13/1987	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/24/1988	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	9/19/1989	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	4/3/1990	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	4/18/1990	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	4/24/1990	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	8/28/1990	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	2/23/1991	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	4/28/1992	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	6/5/1993	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	5/7/1995	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	3/30/1997	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	4/21/1997	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	5/16/1997	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	2/10/1998	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	7/3/1998	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	2/21/1999	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	3/4/2000	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	4/29/2000	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	6/9/2000	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	3/9/2001	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	4/2/2001	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	3/21/2002	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	6/21/2002	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	3/11/2005	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	5/20/2005	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	3/14/2006	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	5/14/2006	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	5/27/2006	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	6/13/2006	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	1/15/2007	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	5/10/2007	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/4/2008	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	1/5/2008	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	6/30/2009	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	11/14/2009	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	6/15/2010	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	12/31/2010	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	4/13/2011	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	7/28/2011	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	1/2/2012	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	1/26/2012	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	1/28/2013	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	3/30/2013	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	5/14/2013	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	7/11/2013	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	3/26/2014	59	59	1.62	102.53	4724	29.4679%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.54816249
5439000	12/29/1928	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	6/10/1931	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	12/5/1931	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	12/23/1931	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	4/8/1932	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	6/8/1932	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	1/21/1933	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	1/29/1933	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	3/25/1933	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	4/15/1933	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	4/16/1933	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	4/20/1933	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	6/1/1933	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	7/7/1933	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	12/31/1979	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	4/1/1980	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/27/1980	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	2/19/1981	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	6/5/1981	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	10/6/1981	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	2/28/1982	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	3/1/1982	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	1/8/1983	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	5/7/1984	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	1/5/1985	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	4/13/1985	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	10/20/1985	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	12/15/1985	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	3/25/1986	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	10/31/1986	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	9/28/1987	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	11/16/1987	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	2/14/1990	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	2/14/1991	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	3/28/1992	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	9/22/1993	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	11/4/1994	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	12/12/1994	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	2/22/1995	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	7/3/1996	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	4/6/1997	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	6/25/1998	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	6/28/1999	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	3/10/2001	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	3/5/2002	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	5/27/2003	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	3/3/2004	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/12/2004	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	4/29/2004	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	5/12/2006	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	1/9/2007	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	4/20/2007	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	5/9/2007	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	5/31/2007	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	7/15/2007	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	12/29/2007	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	11/3/2008	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	11/7/2008	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	1/10/2009	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	12/3/2009	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	1/10/2010	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	5/28/2010	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	4/1/2011	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	4/1/2013	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	6/6/2013	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	7/22/2015	58	58	1.62	100.91	4790	29.8796%	Zinc	--	µg/L	60.7	28.3	#VALUE!	33.01903822
5439000	10/20/1926	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	5/8/1929	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	6/29/1929	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	7/14/1929	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	10/27/1980	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	12/14/1980	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	4/21/1981	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	5/25/1981	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	6/7/1982	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	7/16/1982	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	11/18/1982	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	1/9/1983	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/5/1983	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	6/17/1983	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	7/18/1983	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	4/20/1984	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	6/19/1984	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	12/12/1985	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	4/25/1988	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	4/26/1988	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	4/27/1988	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	4/5/1990	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	4/10/1990	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	4/19/1990	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	1/11/1992	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	3/19/1993	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	5/19/1993	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	5/20/1993	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	7/9/1993	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	12/6/1993	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	1/27/1995	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	6/19/1995	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	8/23/1996	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	4/12/1997	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	5/17/1997	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	3/26/1999	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	4/3/2001	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	4/24/2001	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	2/28/2002	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	2/26/2004	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	2/25/2005	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	5/26/2007	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	6/1/2007	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/21/2008	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	7/17/2008	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	10/15/2008	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	12/9/2009	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	3/4/2010	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	4/19/2010	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	5/10/2010	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	4/15/2011	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	11/29/2011	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	2/8/2012	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	3/20/2012	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	5/13/2013	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	6/4/2013	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	10/17/2014	57	57	1.62	99.29	4856	30.2913%	Zinc	--	µg/L	60.7	28.3	#VALUE!	32.48991394
5439000	10/6/1927	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	10/17/1927	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	12/16/1927	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	1/14/1928	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	3/8/1928	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	3/26/1928	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	3/30/1928	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	4/23/1928	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	11/8/1928	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	12/8/1928	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	11/1/1929	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	3/11/1930	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	5/3/1930	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	4/28/1980	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	4/29/1980	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	6/11/1980	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	10/10/1980	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/29/1982	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	4/27/1982	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	8/2/1982	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	11/22/1982	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	12/6/1983	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	12/20/1984	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	4/14/1985	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	3/26/1986	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	12/14/1986	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	9/25/1987	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	11/24/1987	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	5/12/1991	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	12/20/1991	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	1/12/1992	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	1/20/1992	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	3/4/1992	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	1/19/1993	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	1/30/1993	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	5/24/1993	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	10/16/1993	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	12/4/1993	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	12/31/1993	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	11/22/1994	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	1/28/1995	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	3/22/1995	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	4/2/1995	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	2/11/1996	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	4/5/1997	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	2/22/1999	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	3/7/1999	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	5/9/2000	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/12/2000	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	2/4/2001	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	6/22/2002	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	5/28/2003	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	7/9/2003	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	6/25/2004	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	3/2/2005	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	5/20/2006	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	4/21/2007	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	5/29/2007	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	4/27/2008	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	10/12/2008	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	11/20/2008	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	1/11/2010	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	4/1/2010	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	4/3/2010	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	3/10/2014	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	3/27/2014	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	6/16/2014	56	56	1.62	97.68	4913	30.6469%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.96078966
5439000	12/30/1928	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	4/1/1931	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	5/11/1932	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	1/30/1933	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	3/20/1933	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	5/25/1933	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	6/5/1933	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	7/12/1933	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	10/28/1980	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	5/27/1981	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	10/24/1981	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	12/2/1981	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/5/1982	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	11/19/1982	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	3/11/1983	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	6/11/1983	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	11/27/1984	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	9/26/1987	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	10/5/1987	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	11/10/1987	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	2/17/1990	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	4/25/1990	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	6/28/1990	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	3/5/1992	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	10/6/1993	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	10/13/1993	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	2/17/1994	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	3/30/1994	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	7/4/1994	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	12/4/1994	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	12/5/1994	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	12/7/1994	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	12/18/1994	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	12/19/1994	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	12/20/1994	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	1/9/1995	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	1/29/1995	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	6/20/1995	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	7/6/1995	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	11/22/1995	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	3/19/1997	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	5/30/1997	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	2/4/1998	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/14/1998	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	2/23/1999	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	3/27/1999	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	5/17/2000	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	7/16/2000	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	2/19/2002	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	4/30/2004	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	3/4/2005	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	5/29/2006	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	9/13/2007	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	10/4/2008	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	10/7/2008	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	4/20/2010	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	4/14/2011	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	6/28/2011	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	12/10/2011	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	2/20/2013	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	7/19/2014	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	4/18/2015	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	4/19/2015	55	55	1.62	96.06	4980	31.0648%	Zinc	--	µg/L	60.7	28.3	#VALUE!	31.43166538
5439000	2/1/1926	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	3/8/1926	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	4/23/1926	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	4/24/1926	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	4/28/1926	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	7/5/1926	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	9/20/1926	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	10/19/1926	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	10/21/1926	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	12/15/1926	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	6/12/1927	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/15/1928	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	5/9/1929	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	5/28/1929	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	11/11/1929	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	5/4/1930	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	11/20/1931	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	12/6/1931	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	12/24/1931	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	1/11/1932	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	1/12/1932	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	3/10/1932	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	3/3/1981	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	1/11/1983	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	3/2/1984	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	4/10/1984	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	12/27/1984	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	4/15/1985	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	3/24/1986	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	6/8/1986	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	6/12/1986	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	6/5/1987	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	9/14/1987	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	9/16/1987	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	1/10/1988	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	7/23/1989	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	8/15/1989	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	9/5/1989	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	4/28/1990	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	6/4/1990	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	6/5/1990	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	6/8/1990	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/25/1990	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	12/25/1990	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	1/1/1991	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	2/15/1991	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	3/7/1991	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	5/1/1991	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	1/13/1992	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	3/18/1992	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	5/1/1992	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	12/12/1992	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	1/17/1993	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	5/21/1993	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	5/22/1993	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	10/25/1993	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	12/24/1993	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	1/30/1995	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	2/28/1995	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	6/28/1995	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	3/31/1997	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	2/5/1998	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	6/28/1998	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	7/11/1998	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	10/24/1998	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	3/15/1999	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	3/28/1999	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	8/8/2000	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	4/25/2001	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	6/22/2001	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	3/22/2002	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	4/26/2002	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	1/18/2005	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/4/2006	54	54	1.62	94.44	5043	31.4578%	Zinc	19.00	µg/L	60.7	28.3	9.672953556	30.9025411
5439000	5/5/2006	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	6/29/2006	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	1/19/2007	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	8/17/2007	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	1/19/2008	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	7/23/2008	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	11/8/2008	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	1/11/2009	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	7/1/2009	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	12/16/2009	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	6/16/2010	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	7/3/2010	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	1/5/2012	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	1/17/2012	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	1/18/2012	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	2/9/2012	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	2/10/2012	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	3/27/2013	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	6/5/2013	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	6/20/2013	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	3/30/2014	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	4/1/2014	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	4/19/2014	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	5/18/2014	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	4/2/2015	54	54	1.62	94.44	5043	31.4578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.9025411
5439000	12/9/1927	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	7/27/1928	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	8/7/1928	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	11/9/1928	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	12/31/1928	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/10/1929	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	3/21/1980	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	6/15/1980	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	10/11/1980	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	12/15/1980	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	7/17/1982	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	8/6/1982	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	4/21/1984	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	5/8/1984	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	7/3/1985	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	6/18/1986	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	11/1/1986	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	8/1/1987	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	9/27/1987	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	10/3/1987	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	10/4/1987	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	11/12/1987	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	3/27/1988	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	12/21/1991	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	3/19/1992	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	4/30/1992	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	8/15/1993	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	12/5/1993	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	12/23/1993	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	6/23/1994	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	11/23/1994	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	11/24/1994	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	1/31/1995	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	3/23/1995	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	4/3/1995	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	5/19/1996	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/20/1997	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	3/21/1997	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	6/2/1998	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	3/11/1999	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	5/18/2000	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	6/10/2000	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	4/26/2001	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	6/16/2001	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	3/30/2002	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	6/23/2002	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	2/11/2005	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	3/3/2005	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	3/12/2005	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	6/14/2006	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	4/22/2007	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	6/8/2007	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	4/29/2008	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	10/5/2008	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	11/4/2008	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	2/21/2009	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	2/3/2010	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	4/2/2010	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	4/21/2010	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	5/29/2010	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	4/17/2011	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	1/6/2012	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	2/24/2012	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	5/17/2012	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	6/1/2012	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	3/29/2013	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	5/15/2013	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/31/2014	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	4/9/2014	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	8/5/2014	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	4/21/2015	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	7/23/2015	53	53	1.62	92.83	5142	32.0754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	30.37341682
5439000	1/4/1930	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	3/12/1930	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	4/4/1930	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	5/5/1930	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	5/6/1930	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	5/7/1930	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	3/21/1931	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	4/9/1932	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	12/29/1932	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	1/31/1933	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	4/21/1933	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	6/2/1933	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	6/29/1933	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	6/14/1980	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	3/4/1981	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	6/6/1981	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	10/25/1981	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	12/3/1981	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	11/27/1982	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	1/13/1983	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	7/19/1983	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	12/18/1983	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	4/11/1984	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	7/2/1985	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	2/9/1986	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	3/28/1986	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/9/1986	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	9/15/1987	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	11/1/1987	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	11/11/1987	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	2/21/1988	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	6/8/1989	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	9/20/1989	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	4/26/1990	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	6/6/1990	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	7/6/1990	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	11/11/1990	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	12/28/1990	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	2/18/1991	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	5/13/1991	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	5/14/1991	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	6/16/1991	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	3/22/1992	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	2/9/1993	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	7/10/1993	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	9/23/1993	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	12/30/1993	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	3/31/1994	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	12/21/1994	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	12/22/1994	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	6/21/1995	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	7/4/1996	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	8/20/1996	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	3/22/1997	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	2/7/1998	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	6/1/1998	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	10/28/1998	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/15/1998	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	3/5/2000	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	5/1/2000	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	6/21/2001	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	3/4/2002	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	6/3/2003	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	3/5/2005	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	5/24/2006	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	1/11/2007	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	5/11/2007	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	7/29/2007	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	12/12/2007	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	5/2/2008	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	6/20/2008	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	10/13/2008	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	10/14/2008	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	12/4/2009	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	4/24/2010	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	4/26/2010	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	7/28/2010	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	4/2/2011	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	11/17/2011	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	12/11/2011	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	4/17/2012	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	3/25/2013	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	7/12/2013	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	5/22/2014	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	3/22/2015	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	3/25/2015	52	52	1.62	91.21	5214	32.5245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.84429254
5439000	3/20/1926	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	10/22/1926	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/10/1929	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	5/20/1929	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	7/4/1929	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	7/26/1929	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	7/4/1931	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	12/2/1931	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	12/4/1931	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	2/18/1932	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	2/19/1932	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	6/12/1980	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	10/29/1980	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	5/26/1981	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	7/2/1981	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	6/12/1983	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	5/9/1984	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	3/29/1986	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	6/10/1986	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	6/30/1986	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	12/7/1986	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	12/15/1986	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	4/19/1987	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	5/3/1987	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	10/6/1987	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	11/13/1987	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	2/19/1990	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	4/27/1990	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	11/19/1991	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	3/31/1992	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	1/18/1993	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	3/2/1993	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	12/9/1994	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/10/1994	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	12/17/1994	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	6/29/1995	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	3/24/1997	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	4/7/1997	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	1/16/1998	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	6/26/1998	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	10/29/1998	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	11/17/1998	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	2/24/1999	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	6/29/1999	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	4/30/2000	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	5/19/2000	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	8/1/2000	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	2/8/2001	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	3/23/2002	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	4/2/2002	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	4/30/2003	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	5/1/2004	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	5/10/2004	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	12/8/2004	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	2/12/2005	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	2/26/2005	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	2/27/2005	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	3/6/2005	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	1/16/2007	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	4/23/2007	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	2/22/2009	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	11/15/2009	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	1/12/2010	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	8/9/2010	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/3/2011	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	3/21/2012	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	4/10/2014	51	51	1.62	89.59	5300	33.0609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	29.31516826
5439000	10/3/1927	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	10/18/1927	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	11/19/1927	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	12/6/1927	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	12/14/1927	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	12/15/1927	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	2/7/1928	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	2/8/1928	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	2/9/1928	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	2/22/1928	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	3/10/1928	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	4/24/1928	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	6/21/1928	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	1/27/1929	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	2/24/1980	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	4/30/1980	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	6/13/1980	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	12/16/1980	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	3/5/1981	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	10/7/1981	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	10/17/1981	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	4/28/1982	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	6/8/1982	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	11/4/1982	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	11/5/1982	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	3/12/1983	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	3/13/1983	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	12/21/1983	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/6/1985	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	2/21/1985	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	3/27/1986	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	11/27/1986	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	12/13/1986	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	1/4/1988	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	1/9/1988	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	3/3/1988	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	1/29/1989	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	6/7/1990	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	12/26/1990	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	2/17/1991	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	5/2/1991	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	12/22/1991	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	1/21/1992	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	5/2/1992	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	12/13/1992	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	3/20/1993	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	8/3/1993	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	9/4/1993	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	10/7/1993	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	10/14/1993	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	11/25/1994	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	12/6/1994	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	1/10/1995	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	1/11/1995	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	2/1/1995	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	2/6/1995	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	11/23/1995	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	1/4/1997	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	1/7/1997	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/23/1997	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	4/1/1997	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	5/31/1997	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	12/16/1998	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	2/25/1999	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	3/8/1999	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	4/27/2001	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	11/25/2001	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	3/1/2002	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	3/14/2004	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	6/26/2004	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	1/12/2007	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	1/18/2007	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	9/14/2007	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	1/20/2008	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	10/16/2008	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	11/5/2008	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	1/19/2009	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	2/6/2009	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	3/3/2010	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	1/19/2012	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	1/20/2012	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	2/11/2012	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	2/12/2012	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	3/22/2012	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	3/23/2012	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	3/24/2012	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	5/18/2012	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	1/11/2013	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	6/7/2013	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	8/30/2013	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/17/2014	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	7/20/2014	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	9/11/2014	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	3/23/2015	50	50	1.62	87.97	5367	33.4789%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.78604398
5439000	11/2/1929	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	11/12/1929	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	1/1/1930	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	1/5/1930	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	3/13/1930	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	3/20/1930	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	4/5/1930	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	7/11/1930	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	4/10/1932	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	2/4/1933	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	2/27/1933	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	3/19/1933	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	3/24/1933	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	7/8/1933	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	10/30/1980	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	7/20/1983	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	3/3/1984	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	10/28/1984	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	11/5/1984	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	4/16/1985	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	7/5/1985	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	6/6/1987	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	6/12/1989	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	9/21/1989	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	4/6/1990	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	7/19/1990	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	1/26/1992	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/3/1992	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	7/17/1992	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	9/12/1992	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	6/6/1993	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	8/16/1993	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	4/1/1994	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	10/31/1994	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	12/11/1994	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	2/23/1995	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	4/22/1997	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	2/3/1998	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	2/6/1998	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	3/6/1999	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	3/29/1999	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	4/15/1999	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	7/1/1999	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	6/17/2001	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	6/18/2001	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	3/24/2002	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	6/24/2002	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	2/27/2004	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	4/20/2006	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	5/21/2006	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	5/30/2007	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	12/30/2007	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	4/30/2008	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	5/22/2008	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	2/25/2009	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	7/2/2009	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	8/26/2009	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	12/17/2009	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/22/2010	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	6/12/2010	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	8/24/2011	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	12/12/2011	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	1/27/2012	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	1/28/2012	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	3/28/2013	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	8/31/2013	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	11/6/2013	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	4/20/2014	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	4/29/2014	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	10/3/2014	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	3/28/2015	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	4/3/2015	49	49	1.62	86.36	5461	34.0652%	Zinc	--	µg/L	60.7	28.3	#VALUE!	28.2569197
5439000	1/19/1926	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	4/22/1926	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	4/26/1926	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	4/27/1926	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	6/24/1926	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	8/23/1926	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	10/24/1926	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	1/30/1927	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	3/2/1927	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	5/29/1929	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	7/11/1929	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	12/3/1931	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	12/7/1931	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	12/25/1931	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	12/31/1931	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	2/1/1932	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	3/11/1932	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/12/1932	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	8/28/1980	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	8/31/1980	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	10/14/1980	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	10/31/1980	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	6/7/1981	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	6/9/1981	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	6/18/1983	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	12/7/1983	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	11/10/1984	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	6/18/1987	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	1/13/1989	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	1/30/1989	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	3/7/1989	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	1/28/1990	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	4/9/1990	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	7/24/1990	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	2/16/1991	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	5/15/1991	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	11/18/1991	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	1/25/1992	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	1/27/1992	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	5/4/1992	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	12/14/1992	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	12/8/1994	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	6/22/1995	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	8/22/1996	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	7/17/2000	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	11/13/2000	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	4/9/2004	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	3/28/2005	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/10/2007	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	5/1/2008	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	10/6/2008	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	7/4/2009	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	7/11/2009	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	5/30/2010	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	6/2/2010	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	7/4/2010	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	6/29/2011	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	9/28/2011	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	11/18/2011	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	11/30/2011	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	1/7/2012	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	3/28/2012	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	4/13/2014	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	4/21/2014	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	4/28/2014	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	3/24/2015	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	7/24/2015	48	48	1.62	84.74	5533	34.5144%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.72779542
5439000	10/19/1927	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	12/10/1927	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	1/23/1928	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	7/1/1928	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	7/11/1928	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	12/9/1928	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	1/3/1929	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	1/12/1929	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	2/29/1980	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	10/12/1980	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	10/13/1980	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	5/28/1981	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/4/1981	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	4/29/1982	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	6/17/1982	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	7/18/1982	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	3/14/1983	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	6/13/1983	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	12/20/1983	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	6/20/1984	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	11/29/1984	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	4/18/1985	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	6/14/1986	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	6/19/1986	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	7/20/1986	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	11/28/1986	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	12/16/1986	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	1/8/1988	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	3/12/1988	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	4/28/1988	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	8/16/1989	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	1/4/1990	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	2/21/1990	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	4/13/1990	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	7/7/1990	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	6/17/1991	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	11/20/1991	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	12/23/1991	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	1/14/1992	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	1/15/1992	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	1/22/1992	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	2/15/1992	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	3/20/1992	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/21/1992	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	3/23/1992	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	12/15/1992	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	2/10/1993	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	3/2/1995	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	4/4/1995	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	6/23/1995	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	2/12/1996	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	4/2/1997	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	6/1/1997	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	6/3/1998	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	6/27/1998	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	10/25/1998	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	11/18/1998	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	11/19/1998	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	12/17/1998	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	3/9/1999	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	4/28/2001	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	3/2/2002	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	3/6/2002	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	3/25/2002	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	3/26/2002	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	3/27/2002	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	3/28/2002	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	4/1/2002	47	47	1.62	83.12	5600	34.9323%	Zinc	150.00	µg/L	60.7	28.3	67.21253166	27.19867114
5439000	7/12/2003	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	3/13/2004	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	12/7/2004	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	5/6/2006	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	5/11/2006	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	6/15/2006	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/20/2009	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	12/5/2009	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	12/13/2009	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	1/13/2010	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	2/4/2010	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	7/8/2010	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	6/30/2011	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	11/19/2011	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	12/13/2011	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	1/10/2012	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	2/13/2012	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	2/26/2012	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	5/19/2012	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	10/18/2012	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	5/16/2013	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	7/13/2013	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	2/22/2014	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	5/1/2014	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	5/19/2014	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	4/22/2015	47	47	1.62	83.12	5600	34.9323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	27.19867114
5439000	11/13/1929	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	11/14/1929	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	11/15/1929	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	1/6/1930	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	3/18/1930	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	3/19/1930	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	5/8/1930	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	9/27/1930	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	4/11/1932	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	5/12/1932	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	2/22/1933	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/21/1933	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	4/22/1933	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	5/1/1933	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	1/1/1980	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	5/1/1980	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	3/6/1981	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	6/8/1981	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	8/3/1982	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	3/4/1984	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	5/10/1984	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	7/21/1986	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	9/29/1986	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	12/2/1986	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	4/20/1987	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	6/7/1987	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	11/14/1987	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	6/9/1989	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	9/22/1989	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	4/7/1990	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	4/11/1990	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	4/29/1990	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	6/9/1990	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	11/12/1990	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	12/24/1991	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	1/24/1992	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	1/28/1992	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	4/1/1992	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	5/5/1992	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	5/25/1993	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	5/28/1993	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	7/11/1993	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/6/1993	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	10/26/1993	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	10/28/1993	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	12/7/1993	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	4/2/1994	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	7/5/1994	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	7/6/1994	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	12/13/1994	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	3/24/1995	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	6/26/1995	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	11/1/1995	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	7/5/1996	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	8/21/1996	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	1/9/1997	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	4/3/1997	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	4/23/1997	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	2/26/1999	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	3/12/1999	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	3/14/1999	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	3/30/1999	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	3/31/1999	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	6/30/1999	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	3/6/2000	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	10/5/2000	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	5/11/2001	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	5/27/2001	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	10/28/2001	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	3/7/2002	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	3/31/2002	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	6/25/2002	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	6/26/2002	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/8/2003	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	6/27/2004	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	7/4/2004	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	1/19/2005	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	5/30/2006	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	4/24/2007	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	7/16/2007	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	8/18/2007	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	5/7/2008	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	6/21/2008	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	11/24/2008	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	1/12/2009	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	7/3/2009	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	7/5/2009	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	11/16/2009	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	11/17/2009	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	12/14/2009	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	2/5/2010	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	4/23/2010	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	2/16/2012	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	2/25/2012	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	4/18/2012	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	6/2/2012	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	4/8/2013	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	6/12/2013	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	4/30/2014	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	5/28/2014	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	11/24/2014	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	4/24/2015	46	46	1.62	81.51	5694	35.5187%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.66954687
5439000	7/3/1926	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	9/21/1926	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/23/1926	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	2/15/1927	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	2/21/1927	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	2/27/1927	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	6/13/1927	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	6/25/1927	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	3/25/1928	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	5/21/1929	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	7/15/1929	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	11/26/1979	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	11/28/1979	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	12/24/1979	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	3/31/1980	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	8/5/1980	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	10/15/1980	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	2/17/1981	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	7/3/1981	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	10/3/1981	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	10/4/1981	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	10/26/1981	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	12/1/1981	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	4/30/1982	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	12/19/1983	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	12/22/1983	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	3/5/1984	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	5/11/1984	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	12/4/1984	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	12/24/1984	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	12/26/1984	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	1/7/1985	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	4/17/1985	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/28/1985	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	12/18/1985	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	1/23/1986	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	3/30/1986	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	6/9/1986	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	10/10/1986	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	10/12/1986	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	11/2/1986	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	12/3/1986	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	12/17/1986	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	3/9/1988	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	5/9/1988	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	3/16/1989	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	5/29/1989	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	7/28/1989	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	1/29/1990	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	4/8/1990	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	8/18/1990	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	10/18/1990	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	12/27/1990	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	2/3/1991	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	5/3/1991	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	1/23/1992	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	1/30/1992	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	4/2/1992	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	4/12/1992	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	5/3/1992	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	2/13/1993	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	3/21/1993	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	10/8/1993	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	10/15/1993	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/1/1994	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	7/7/1994	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	11/26/1994	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	1/12/1995	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	2/2/1995	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	2/7/1995	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	6/24/1995	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	6/27/1995	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	4/4/1997	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	4/8/1997	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	6/13/1997	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	6/27/1997	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	8/17/1997	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	1/17/1998	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	6/4/1998	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	6/5/1998	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	7/12/1998	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	10/30/1998	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	12/18/1998	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	3/13/1999	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	4/1/1999	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	5/2/2000	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	2/5/2001	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	4/29/2001	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	5/7/2001	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	4/3/2002	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	2/28/2004	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	3/27/2005	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	3/29/2005	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	6/26/2006	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	12/7/2006	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/21/2008	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	5/3/2008	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	11/21/2008	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	11/18/2009	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	12/11/2009	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	5/31/2010	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	7/13/2010	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	7/29/2010	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	8/10/2010	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	2/16/2011	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	4/5/2011	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	2/14/2012	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	2/15/2013	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	6/8/2013	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	10/18/2014	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	3/29/2015	45	45	1.62	79.89	5796	36.1549%	Zinc	--	µg/L	60.7	28.3	#VALUE!	26.14042259
5439000	11/20/1927	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	12/13/1927	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	2/10/1928	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	11/10/1928	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	12/10/1928	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	1/22/1929	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	1/28/1929	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	4/6/1930	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	1/28/1931	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	3/22/1931	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	3/16/1932	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	11/1/1980	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	12/17/1980	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	2/20/1982	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	3/3/1982	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/9/1982	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	8/7/1982	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	10/9/1982	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	1/12/1983	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	1/14/1983	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	6/19/1983	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	12/8/1983	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	2/24/1986	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	6/13/1986	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	7/1/1986	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	11/3/1986	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	5/4/1987	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	10/7/1987	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	1/7/1988	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	3/4/1988	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	4/29/1988	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	5/24/1988	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	3/30/1989	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	5/30/1989	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	1/26/1990	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	1/27/1990	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	1/31/1990	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	2/20/1990	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	8/3/1990	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	8/6/1990	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	8/26/1990	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	1/29/1992	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	6/4/1993	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	8/20/1994	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	1/13/1995	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	3/3/1995	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/6/1996	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	2/19/1997	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	6/2/1997	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	1/21/1999	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	4/4/1999	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	4/11/1999	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	9/30/1999	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	10/4/2000	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	5/1/2001	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	3/3/2002	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	4/10/2004	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	5/2/2004	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	12/9/2004	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	3/30/2005	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	4/5/2006	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	5/7/2006	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	1/14/2007	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	2/28/2007	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	5/12/2007	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	5/13/2007	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	6/20/2007	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	2/23/2008	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	7/18/2008	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	11/9/2008	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	12/6/2009	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	12/18/2009	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	1/14/2010	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	4/27/2010	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	6/17/2010	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	7/1/2011	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	11/26/2011	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/11/2012	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	1/16/2012	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	1/29/2012	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	2/15/2012	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	3/25/2012	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	3/27/2012	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	3/30/2012	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	4/19/2012	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	4/30/2012	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	5/4/2012	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	4/2/2013	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	4/9/2013	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	5/22/2013	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	6/11/2013	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	7/21/2014	44	44	1.62	78.27	5907	36.8474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.61129831
5439000	4/2/1931	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	6/6/1931	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	6/11/1931	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	6/27/1931	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	12/26/1931	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	12/27/1931	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	12/28/1931	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	12/30/1932	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	2/28/1933	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	4/30/1933	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	6/3/1933	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	6/4/1933	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	7/13/1933	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	5/2/1980	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	12/7/1980	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	12/18/1980	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/4/1981	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	10/5/1981	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	10/8/1981	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	5/5/1982	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	6/18/1982	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	3/19/1984	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	5/13/1984	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	10/11/1986	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	11/29/1986	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	4/21/1987	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	11/15/1987	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	1/5/1988	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	3/8/1988	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	4/30/1988	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	5/1/1988	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	5/8/1988	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	3/8/1989	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	3/9/1989	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	3/17/1989	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	5/27/1989	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	4/12/1990	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	4/30/1990	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	7/8/1990	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	11/13/1990	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	1/2/1991	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	2/24/1991	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	3/8/1991	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	5/4/1991	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	4/4/1992	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	5/9/1992	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	5/26/1993	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/27/1993	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	5/30/1993	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	7/12/1993	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	10/27/1993	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	10/29/1993	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	12/14/1994	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	12/16/1994	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	2/24/1995	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	3/26/1995	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	4/6/1995	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	6/25/1995	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	8/17/1995	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	11/24/1995	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	11/25/1995	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	11/27/1995	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	8/24/1996	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	1/8/1997	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	4/24/1997	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	2/2/1998	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	6/6/1998	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	6/29/1998	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	4/10/1999	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	3/7/2000	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	5/20/2000	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	5/22/2000	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	8/6/2000	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	4/30/2001	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	6/4/2003	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	6/28/2004	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	7/3/2004	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	3/13/2005	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/31/2005	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	4/21/2006	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	5/22/2006	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	5/31/2006	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	6/16/2006	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	6/30/2006	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	5/23/2008	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	10/17/2008	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	12/1/2011	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	1/9/2012	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	5/20/2012	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	5/21/2012	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	5/17/2013	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	4/2/2014	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	3/31/2015	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	4/4/2015	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	4/23/2015	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	7/25/2015	43	43	1.62	76.66	5999	37.4212%	Zinc	--	µg/L	60.7	28.3	#VALUE!	25.08217403
5439000	3/24/1926	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	10/25/1926	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	11/9/1926	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	11/13/1926	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	12/25/1926	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	2/25/1927	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	2/26/1927	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	6/14/1927	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	1/13/1929	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	7/5/1929	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	10/31/1929	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	11/3/1929	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	11/16/1929	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/14/1930	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	3/15/1930	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	3/16/1930	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	3/17/1930	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	3/23/1930	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	3/24/1930	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	4/7/1930	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	5/9/1930	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	2/20/1932	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	3/11/1980	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	6/28/1980	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	6/10/1981	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	10/27/1981	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	5/1/1982	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	7/19/1982	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	8/4/1982	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	8/8/1982	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	1/16/1983	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	11/20/1983	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	6/21/1984	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	4/19/1985	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	7/4/1985	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	12/18/1986	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	5/5/1987	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	6/8/1987	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	6/19/1987	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	1/6/1988	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	3/7/1988	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	3/13/1988	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	5/2/1988	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	3/29/1989	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/11/1989	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	6/10/1990	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	8/14/1990	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	11/21/1991	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	5/8/1992	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	11/26/1993	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	12/8/1993	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	12/15/1994	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	2/8/1995	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	3/25/1995	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	4/5/1995	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	6/30/1995	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	7/7/1995	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	1/24/1997	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	4/11/1997	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	4/30/1997	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	1/18/1998	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	10/26/1998	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	10/27/1998	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	4/2/1999	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	3/8/2000	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	3/9/2000	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	6/19/2001	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	7/11/2003	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	5/4/2004	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	1/13/2007	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	9/15/2007	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	2/16/2008	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	6/22/2008	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	10/20/2008	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	11/22/2008	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/23/2008	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	1/13/2009	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	7/8/2009	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	11/24/2009	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	12/7/2009	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	12/12/2009	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	12/15/2009	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	1/15/2010	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	2/6/2010	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	5/1/2010	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	7/5/2010	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	7/31/2010	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	4/6/2011	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	7/25/2011	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	1/8/2012	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	1/12/2012	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	1/15/2012	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	4/1/2012	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	4/20/2012	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	3/26/2013	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	5/21/2013	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	7/14/2013	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	5/2/2014	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	4/5/2015	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	4/8/2015	42	42	1.62	75.04	6095	38.0201%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.55304975
5439000	3/18/1926	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	10/20/1927	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	11/21/1927	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	12/11/1927	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	1/16/1928	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	1/24/1928	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/11/1928	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	2/13/1928	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	3/16/1928	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	4/25/1928	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	5/21/1928	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	7/2/1928	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	7/28/1928	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	1/4/1929	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	5/22/1929	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	5/13/1932	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	6/15/1932	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	2/5/1933	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	4/23/1933	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	4/24/1933	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	6/6/1933	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	7/15/1933	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	2/26/1980	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	5/3/1980	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	11/3/1980	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	1/17/1983	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	7/23/1983	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	6/22/1984	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	10/19/1984	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	11/9/1984	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	4/23/1985	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	6/22/1986	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	7/2/1986	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	2/5/1987	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	3/2/1987	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	5/6/1987	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	6/20/1987	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/6/1988	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	3/10/1988	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	3/11/1988	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	3/24/1988	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	5/3/1988	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	1/31/1989	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	1/19/1990	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	7/25/1990	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	7/29/1990	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	8/11/1990	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	11/14/1990	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	11/15/1990	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	3/1/1991	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	12/25/1991	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	1/31/1992	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	2/1/1992	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	5/6/1992	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	7/13/1993	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	8/27/1993	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	9/24/1993	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	12/15/1993	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	11/26/1995	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	7/7/1996	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	6/3/1997	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	6/30/1998	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	11/20/1998	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	4/3/1999	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	5/2/2001	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	5/4/2001	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	2/16/2002	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	4/5/2002	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/6/2002	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	6/27/2002	41	41	1.62	73.42	6195	38.6439%	Zinc	100.00	µg/L	60.7	28.3	39.57813092	24.02392547
5439000	8/23/2002	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	4/11/2004	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	4/20/2004	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	3/26/2005	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	3/15/2006	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	6/9/2007	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	7/4/2007	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	2/14/2008	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	7/24/2008	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	11/19/2009	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	12/8/2009	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	3/2/2010	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	4/30/2010	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	6/1/2010	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	7/7/2010	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	7/2/2011	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	11/20/2011	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	1/13/2012	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	1/30/2012	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	2/23/2012	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	3/26/2012	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	5/22/2012	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	5/23/2013	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	6/9/2013	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	10/31/2013	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	5/23/2014	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	3/30/2015	41	41	1.62	73.42	6195	38.6439%	Zinc	--	µg/L	60.7	28.3	#VALUE!	24.02392547
5439000	3/21/1926	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	10/26/1926	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/17/1929	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/7/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/8/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/9/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/10/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/11/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/12/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/13/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/14/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/15/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/16/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/17/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/18/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/19/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/20/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/21/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/22/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/23/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/24/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/25/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/26/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/27/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/28/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/29/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/30/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/31/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/1/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/2/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/3/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/4/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/5/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/6/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/7/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/8/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/9/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/10/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/11/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/12/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/13/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/14/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/15/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/16/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/17/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/18/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/19/1930	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	12/9/1931	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/21/1932	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	3/13/1932	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	6/16/1980	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	7/16/1980	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	11/2/1980	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	12/19/1980	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	10/9/1981	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	12/7/1981	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/2/1982	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	6/10/1982	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	7/21/1982	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	3/15/1983	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	6/20/1983	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	7/21/1983	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	7/22/1983	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	11/21/1983	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/9/1983	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	12/23/1983	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/12/1984	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	11/6/1984	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	11/30/1984	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	12/25/1984	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/8/1985	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/14/1985	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	4/20/1985	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/15/1985	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	10/21/1985	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	10/29/1985	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	3/31/1986	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/16/1986	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	11/30/1986	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/2/1987	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	10/8/1987	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	10/9/1987	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	3/5/1988	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	3/15/1988	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/12/1988	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/15/1988	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/10/1989	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/28/1989	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	6/12/1990	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	7/9/1990	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/12/1992	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/31/1993	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	12/16/1993	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	12/17/1993	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/2/1994	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/3/1994	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	4/12/1994	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/3/1995	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/9/1995	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/26/1995	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	3/1/1995	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	4/15/1996	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	4/25/1997	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	6/16/1997	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	6/7/1998	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	12/19/1998	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	4/6/1999	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	7/2/1999	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/3/2000	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/28/2001	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	11/26/2001	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	4/4/2002	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	4/12/2005	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/19/2005	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	4/3/2006	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/8/2006	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/23/2006	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	6/17/2006	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	6/23/2007	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	7/30/2007	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	12/31/2007	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/3/2008	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/22/2008	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	2/12/2008	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/24/2008	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/25/2008	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/18/2008	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	11/11/2008	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	8/31/2009	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	4/28/2010	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	4/29/2010	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/2/2010	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	1/14/2012	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	4/29/2012	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/23/2012	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/24/2012	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	5/20/2013	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	6/10/2013	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	4/22/2014	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	8/22/2014	40	40	1.62	71.80	6292	39.2490%	Zinc	--	µg/L	60.7	28.3	#VALUE!	23.49480119
5439000	12/24/1926	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	7/6/1929	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	11/18/1929	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	3/21/1930	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	3/22/1930	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	5/11/1930	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	11/30/1930	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	1/27/1931	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	3/20/1931	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	3/23/1931	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	1/2/1980	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	5/4/1980	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	8/29/1980	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	11/4/1980	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	12/21/1980	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	12/5/1981	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	12/6/1981	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/19/1982	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	6/25/1982	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	7/20/1982	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	11/6/1982	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	1/15/1983	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	1/18/1983	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	3/6/1984	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	3/15/1984	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	3/17/1984	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	5/19/1984	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	11/11/1984	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	12/3/1984	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	1/15/1985	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	4/21/1985	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	4/24/1985	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	12/20/1985	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	6/20/1986	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	7/22/1986	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	11/4/1986	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	12/1/1986	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	12/4/1986	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	5/7/1987	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	3/14/1988	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	5/4/1988	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	11/17/1988	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	3/31/1989	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	6/10/1989	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	6/13/1989	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	8/17/1989	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	5/1/1990	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	6/11/1990	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/13/1990	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	8/27/1990	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	11/16/1990	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	3/9/1991	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	6/18/1991	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	12/26/1991	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	1/8/1992	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	2/9/1992	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	4/5/1992	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	4/10/1992	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	5/7/1992	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	7/31/1992	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	2/19/1993	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	8/4/1993	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	11/13/1993	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	6/16/1994	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	11/4/1995	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	2/13/1996	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	8/25/1996	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	4/10/1997	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	1/3/1998	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	7/13/1998	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	4/8/1999	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	5/21/2000	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	7/18/2000	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	11/14/2000	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	2/6/2001	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	5/31/2001	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	6/23/2001	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	3/20/2004	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	5/3/2004	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/29/2004	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	3/14/2005	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	3/25/2005	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	4/22/2006	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	6/18/2006	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	5/14/2007	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	2/11/2008	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	2/24/2008	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	10/23/2008	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	11/25/2008	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	7/6/2009	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	6/3/2010	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	7/6/2010	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	4/7/2011	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	11/22/2011	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	12/2/2011	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	2/17/2012	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	3/29/2012	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	3/31/2012	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	4/28/2012	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	5/18/2013	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	4/11/2014	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	7/22/2014	39	39	1.62	70.19	6432	40.1223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.96567691
5439000	3/22/1926	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	3/23/1926	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	6/25/1926	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	7/6/1926	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	8/24/1926	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	10/27/1926	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	11/10/1926	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	12/16/1926	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/1/1927	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	3/3/1927	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	11/22/1927	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	12/12/1927	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	12/17/1927	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	2/12/1928	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	2/23/1928	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	11/11/1928	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	12/11/1928	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	12/12/1928	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	1/14/1929	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	1/29/1929	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	5/30/1929	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	4/3/1931	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	11/19/1931	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	4/12/1932	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	2/21/1933	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	3/1/1933	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	3/14/1933	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	3/23/1933	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	4/25/1933	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	3/7/1981	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	7/5/1981	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	12/8/1981	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	5/3/1982	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	5/6/1982	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	3/16/1983	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	5/20/1984	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	1/16/1985	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	4/22/1985	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	7/31/1985	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/31/1985	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	4/1/1986	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	7/7/1986	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	12/19/1986	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	5/11/1987	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	6/21/1987	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	3/16/1988	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	5/5/1988	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	5/10/1988	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	3/28/1989	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	7/24/1989	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	7/11/1990	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	11/1/1991	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	12/29/1991	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	4/6/1992	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	4/14/1992	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	9/22/1992	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	7/14/1993	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	9/5/1993	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	10/30/1993	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	12/9/1993	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	12/10/1993	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	12/14/1993	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	4/4/1994	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	2/4/1995	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	3/10/1995	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	4/7/1995	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	4/9/1997	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	4/26/1997	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	4/27/1997	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	4/28/1997	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/4/1997	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	6/8/1998	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	10/31/1998	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	5/4/2000	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	5/3/2001	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	6/20/2001	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	10/13/2001	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	12/14/2001	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	2/12/2002	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	2/15/2002	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	2/17/2002	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	11/18/2003	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	2/29/2004	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	3/15/2004	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	5/5/2004	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	1/12/2005	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	4/2/2005	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	5/21/2005	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	1/29/2006	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	4/6/2006	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	5/9/2006	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	6/1/2006	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	7/3/2006	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	6/24/2007	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	6/27/2007	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	12/22/2007	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	1/2/2008	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	1/17/2009	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	7/10/2009	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	11/20/2009	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	12/19/2009	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/16/2010	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	6/5/2010	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	7/3/2011	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	7/29/2011	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	11/23/2011	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	4/2/2012	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	6/3/2012	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	5/19/2013	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	8/7/2014	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	7/26/2015	38	38	1.62	68.57	6534	40.7585%	Zinc	--	µg/L	60.7	28.3	#VALUE!	22.43655263
5439000	2/22/1927	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	6/15/1927	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	4/26/1928	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	8/8/1928	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	11/4/1928	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	11/12/1928	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	1/1/1929	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	2/2/1932	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	11/29/1979	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	3/22/1980	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	5/28/1980	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	12/20/1980	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	10/28/1981	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	11/5/1981	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	5/4/1982	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	10/20/1982	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	11/22/1983	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	6/23/1984	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	1/17/1985	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	1/24/1986	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	2/10/1986	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/25/1986	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	3/2/1986	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	4/30/1986	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	10/13/1986	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	11/5/1986	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	12/5/1986	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	3/19/1988	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	3/23/1988	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	5/23/1988	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	9/23/1989	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	9/25/1989	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	5/2/1990	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	5/3/1990	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	8/17/1990	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	10/19/1990	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	1/3/1991	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	1/5/1991	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	2/16/1992	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	4/13/1992	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	2/14/1993	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	5/29/1993	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	10/31/1993	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	4/5/1994	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	4/13/1994	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	6/20/1994	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	2/10/1995	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	2/25/1995	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	4/8/1995	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	7/8/1995	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	11/28/1995	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	1/19/1996	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/8/1996	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	8/26/1996	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	6/28/1997	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	11/21/1998	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	11/22/1998	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	7/3/1999	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	5/23/2000	37	37	1.62	66.95	6645	41.4509%	Zinc	100.00	µg/L	60.7	28.3	36.09131524	21.90742835
5439000	5/8/2001	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	10/14/2001	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	11/27/2001	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	12/13/2001	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	2/11/2002	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	2/14/2002	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	12/14/2003	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	3/16/2004	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	3/17/2004	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	4/3/2005	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	4/16/2006	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	7/1/2006	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	1/21/2007	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	5/15/2007	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	6/10/2007	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	9/16/2007	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	6/23/2008	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	7/10/2008	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	11/10/2008	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	7/12/2009	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	2/7/2010	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	8/11/2010	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	11/21/2011	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	2/18/2012	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/21/2012	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	5/6/2012	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	2/21/2013	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	7/15/2013	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	9/12/2014	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	4/6/2015	37	37	1.62	66.95	6645	41.4509%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.90742835
5439000	3/25/1926	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	12/17/1926	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	2/28/1927	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	3/5/1927	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	6/26/1927	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	10/5/1927	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	11/23/1927	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	1/17/1928	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	7/12/1928	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	11/5/1928	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	11/7/1928	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	5/31/1929	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	7/16/1929	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	10/26/1929	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	11/4/1929	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	11/19/1929	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	3/27/1930	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	4/8/1930	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	4/15/1930	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	5/10/1930	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	10/10/1930	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	3/24/1931	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	4/4/1931	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	6/12/1931	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	12/29/1931	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/30/1931	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	2/22/1932	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	4/13/1932	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	4/25/1932	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	4/26/1932	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	5/5/1932	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	6/9/1932	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	6/16/1932	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	3/2/1933	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	3/22/1933	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	5/5/1980	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	6/17/1980	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	7/22/1980	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	8/30/1980	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	2/20/1981	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	3/8/1981	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	10/10/1981	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	11/6/1981	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	11/26/1981	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	11/27/1981	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	6/12/1982	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	3/17/1983	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	6/21/1983	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	12/10/1983	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	3/9/1984	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	3/10/1984	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	3/18/1984	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	5/14/1984	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	12/2/1984	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	1/9/1985	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	1/18/1985	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/13/1985	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	10/30/1985	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	12/6/1986	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	1/10/1987	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	5/8/1987	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	5/6/1988	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	5/7/1988	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	1/14/1989	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	6/14/1989	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	7/27/1989	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	9/24/1989	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	1/16/1990	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	1/30/1990	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	7/10/1990	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	7/14/1990	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	8/29/1990	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	11/21/1990	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	3/15/1991	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	12/28/1991	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	1/3/1992	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	1/6/1992	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	5/10/1992	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	6/2/1993	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	6/3/1993	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	7/15/1993	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	8/12/1993	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	11/5/1993	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	12/12/1993	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	2/5/1995	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	7/1/1995	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	7/9/1995	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/25/1996	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	4/30/1996	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	1/19/1998	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	7/1/1998	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	8/25/1998	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	11/1/1998	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	11/2/1998	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	11/23/1998	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	4/5/1999	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	4/14/1999	36	36	1.62	65.34	6734	42.0061%	Zinc	150.00	µg/L	60.7	28.3	52.82941699	21.37830407
5439000	5/8/2000	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	5/5/2001	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	5/6/2001	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	5/10/2001	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	5/21/2001	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	10/29/2001	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	2/13/2002	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	6/5/2003	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	6/8/2003	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	2/22/2004	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	3/18/2004	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	4/12/2004	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	6/30/2004	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	7/5/2004	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	4/1/2005	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	5/11/2005	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	4/7/2006	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	5/10/2006	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	12/6/2006	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	1/22/2007	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	9/17/2007	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/13/2007	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	1/23/2008	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	5/8/2008	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	6/25/2008	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	8/5/2008	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	10/19/2008	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	10/21/2008	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	7/7/2009	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	7/9/2009	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	11/21/2009	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	1/23/2010	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	5/3/2010	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	6/4/2010	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	6/6/2010	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	2/22/2012	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	4/21/2012	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	5/1/2012	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	12/20/2012	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	4/12/2014	36	36	1.62	65.34	6734	42.0061%	Zinc	--	µg/L	60.7	28.3	#VALUE!	21.37830407
5439000	6/16/1927	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	1/18/1928	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	3/25/1932	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	7/14/1933	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	3/24/1980	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	3/30/1980	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/6/1980	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	6/19/1980	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	11/5/1980	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	11/7/1980	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	6/11/1981	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	10/29/1981	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/4/1981	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	12/10/1981	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	12/11/1981	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/7/1982	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/19/1982	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	12/24/1983	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	3/7/1984	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	11/7/1984	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	12/5/1984	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	1/13/1985	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	12/19/1985	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	11/6/1986	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	12/20/1986	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	2/7/1987	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/9/1987	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/18/1987	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	10/10/1987	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	10/17/1987	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	3/18/1988	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/11/1988	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/13/1988	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	8/8/1988	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	1/12/1989	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	3/4/1989	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	6/11/1989	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	1/5/1990	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	8/7/1990	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	11/17/1990	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	6/19/1991	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	11/2/1991	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	11/16/1991	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/4/1992	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/11/1992	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/13/1992	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	9/14/1992	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	2/20/1993	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	6/1/1993	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	11/27/1993	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	1/3/1994	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	4/15/1994	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	7/8/1994	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	2/11/1995	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	2/12/1995	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	4/29/1997	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	4/12/1999	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	4/13/1999	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/5/2000	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	7/19/2000	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/29/2001	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	9/23/2001	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	2/18/2002	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	6/28/2002	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	8/13/2002	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	3/19/2004	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	4/13/2004	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/6/2004	35	35	1.62	63.72	6871	42.8607%	Zinc	93.00	µg/L	60.7	28.3	31.94355389	20.84917979
5439000	10/23/2004	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	12/10/2004	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	1/20/2005	35	35	1.62	63.72	6871	42.8607%	Zinc	130.00	µg/L	60.7	28.3	44.65227963	20.84917979
5439000	3/15/2005	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	3/16/2005	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	3/17/2005	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/19/2005	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	4/4/2005	35	35	1.62	63.72	6871	42.8607%	Zinc	74.00	µg/L	60.7	28.3	25.41745148	20.84917979
5439000	4/5/2005	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/12/2005	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	4/23/2006	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	6/2/2006	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	6/19/2006	35	35	1.62	63.72	6871	42.8607%	Zinc	120.00	µg/L	60.7	28.3	41.21748889	20.84917979
5439000	5/16/2007	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	6/21/2007	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	6/28/2007	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	1/1/2008	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	1/24/2008	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	1/26/2008	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/4/2008	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	1/21/2009	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	1/22/2009	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	8/19/2009	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	7/30/2010	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	2/15/2011	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	7/4/2011	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	4/22/2012	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/2/2012	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/5/2012	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/25/2012	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	6/4/2012	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	2/1/2013	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	4/3/2013	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/28/2013	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/3/2014	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	5/16/2014	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	10/14/2014	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/1/2015	35	35	1.62	63.72	6871	42.8607%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.84917979
5439000	4/5/1926	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	10/28/1926	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	11/11/1926	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	1/7/1928	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	2/17/1928	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	3/24/1928	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	4/27/1928	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	1/11/1929	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	7/7/1929	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	5/12/1930	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	5/14/1932	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	3/15/1933	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	4/26/1933	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	5/18/1980	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	6/18/1980	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	12/22/1980	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	3/9/1981	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	7/6/1981	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	8/18/1981	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	10/30/1981	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	11/7/1981	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	11/8/1981	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	12/9/1981	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	6/11/1982	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	6/20/1982	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	11/10/1982	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	1/19/1983	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	5/15/1984	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	5/17/1984	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	5/18/1984	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/10/1985	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	6/21/1986	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	10/14/1986	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	6/9/1987	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	10/11/1987	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	3/17/1988	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	3/20/1988	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	5/16/1988	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	11/26/1988	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	3/18/1989	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	4/1/1989	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	4/2/1989	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	8/18/1989	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	9/26/1989	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	1/20/1990	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	7/12/1990	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	7/26/1990	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	11/18/1990	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	11/19/1990	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	1/4/1991	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	2/26/1991	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	11/22/1991	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	12/27/1991	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	1/2/1992	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	2/2/1992	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	2/12/1992	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	4/7/1992	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	7/18/1992	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	9/15/1992	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	11/1/1992	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	2/18/1993	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/21/1993	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	8/7/1993	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	11/1/1993	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	11/3/1993	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	11/4/1993	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	11/6/1993	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	12/7/1995	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	5/1/1996	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	8/27/1996	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	6/14/1997	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	7/14/1998	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	7/19/1998	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	12/20/1998	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	3/10/2000	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	5/6/2000	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	5/7/2000	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	11/15/2000	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	2/7/2001	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	5/12/2001	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	6/24/2001	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	6/6/2003	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	6/7/2003	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	7/1/2004	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	3/18/2005	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	6/22/2006	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	1/25/2008	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	1/27/2008	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	2/15/2008	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	5/5/2008	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	11/22/2009	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	1/17/2010	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/8/2010	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	2/9/2010	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	6/8/2010	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	6/9/2010	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	7/11/2010	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	8/14/2010	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	2/19/2012	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	7/19/2012	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	4/25/2014	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	5/24/2014	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	4/7/2015	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	7/27/2015	34	34	1.62	62.10	6977	43.5219%	Zinc	--	µg/L	60.7	28.3	#VALUE!	20.32005552
5439000	1/6/1926	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/10/1926	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/26/1926	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	10/29/1926	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	2/24/1927	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	10/21/1927	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/12/1928	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	4/28/1928	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	7/29/1928	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	8/30/1928	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	8/4/1929	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	4/9/1930	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	4/5/1931	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/1/1932	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/14/1932	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/15/1932	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/17/1932	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	4/14/1932	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	5/6/1932	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/7/1933	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	11/6/1980	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/10/1981	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/12/1981	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	6/12/1981	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	11/3/1981	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	8/9/1982	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	6/22/1983	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	5/16/1984	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	11/8/1984	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	12/1/1984	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	1/10/1985	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	1/19/1985	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	4/25/1985	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	7/6/1986	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	7/23/1986	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	10/25/1986	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	11/8/1986	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/8/1987	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/29/1987	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/30/1987	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	5/10/1987	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	10/12/1987	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/22/1988	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	5/14/1988	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	11/27/1988	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	8/15/1990	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	1/6/1991	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	2/25/1991	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/10/1991	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/12/1991	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/20/1991	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	11/15/1991	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	1/4/1992	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	1/7/1992	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	2/6/1992	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	2/22/1993	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	7/16/1993	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	11/2/1993	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	11/12/1993	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	11/15/1993	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	11/28/1993	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	2/13/1995	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	4/29/1996	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	6/7/1997	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	11/3/1998	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	11/25/1998	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	11/30/1998	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	4/7/1999	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	7/4/1999	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/11/2000	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/20/2000	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	5/24/2000	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	10/6/2000	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	11/16/2000	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	5/9/2001	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	5/15/2001	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	5/26/2001	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	11/30/2001	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	12/15/2001	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/21/2004	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	4/14/2004	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/13/2005	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	8/20/2005	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	6/21/2006	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	9/5/2006	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	1/25/2007	33	33	1.62	60.48	7081	44.1707%	Zinc	170.00	µg/L	60.7	28.3	55.42764926	19.79093124
5439000	9/18/2007	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	1/28/2008	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	1/29/2008	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	2/2/2008	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	6/28/2008	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	7/25/2008	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	11/26/2008	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	10/22/2009	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	11/23/2009	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	1/18/2010	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	5/4/2010	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	7/9/2010	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	2/20/2012	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	4/24/2012	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	4/26/2012	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	5/28/2012	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	5/29/2012	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	11/26/2014	33	33	1.62	60.48	7081	44.1707%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.79093124
5439000	3/12/1926	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	6/26/1926	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	11/12/1926	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	12/23/1926	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	2/23/1927	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	6/17/1927	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	6/27/1927	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	3/17/1928	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/29/1928	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	11/3/1928	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	1/15/1929	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	1/21/1929	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	1/30/1929	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	1/31/1929	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	2/1/1929	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	2/2/1929	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	6/1/1929	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	4/10/1930	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	5/13/1930	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	9/28/1930	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	3/25/1931	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	11/18/1931	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	12/10/1931	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	3/3/1933	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	3/1/1980	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	3/25/1980	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	3/11/1981	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	3/13/1981	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	10/14/1981	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	10/31/1981	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	12/12/1981	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	5/8/1982	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	6/21/1982	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	11/9/1982	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	7/24/1983	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	5/21/1984	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	6/24/1984	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	11/12/1984	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	12/6/1984	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/16/1985	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	7/6/1985	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	12/21/1985	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	2/26/1986	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	4/2/1986	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	4/3/1986	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	11/7/1986	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	12/23/1986	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	12/24/1986	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	2/6/1987	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	3/3/1987	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	3/7/1987	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	4/1/1987	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	6/10/1987	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	6/22/1987	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	10/13/1987	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	5/25/1988	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	1/11/1989	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	1/26/1989	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	2/1/1989	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	4/3/1989	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	9/27/1989	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	9/28/1989	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	1/9/1990	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	1/10/1990	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	7/16/1990	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	7/27/1990	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	7/30/1990	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	10/20/1990	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	11/22/1990	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	1/8/1991	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/11/1991	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	12/30/1991	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	1/5/1992	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	2/5/1992	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	4/9/1992	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	9/16/1992	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	2/15/1993	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	2/17/1993	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	2/24/1993	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	9/6/1993	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	11/14/1993	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	4/6/1994	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	4/14/1994	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	2/14/1995	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	2/15/1995	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	3/4/1995	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	3/5/1995	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	7/2/1995	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	11/29/1995	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	4/19/1996	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	7/9/1996	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	12/18/1996	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	1/3/1997	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	6/29/1997	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	7/2/1998	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	8/4/1998	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	3/12/2000	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	8/9/2000	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	5/14/2001	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	5/30/2001	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	10/30/2001	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/24/2001	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	12/17/2001	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	6/29/2002	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	7/13/2003	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	5/7/2004	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	11/27/2004	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	4/6/2005	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	6/3/2006	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	6/20/2006	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	1/23/2007	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	6/11/2007	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	6/25/2007	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	1/30/2008	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	2/1/2008	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	2/3/2008	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	5/6/2008	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	10/22/2008	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	11/27/2008	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	11/30/2008	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	12/1/2008	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	1/14/2009	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	1/15/2009	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	1/18/2009	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	1/19/2010	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	1/20/2010	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	5/5/2010	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	8/1/2010	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	7/5/2011	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	11/24/2011	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	4/3/2012	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	4/25/2012	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/3/2012	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	5/30/2013	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	7/16/2013	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	11/17/2013	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	7/23/2014	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	10/19/2014	32	32	1.62	58.87	7185	44.8194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	19.26180696
5439000	10/30/1926	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	5/18/1928	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	6/2/1929	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	7/17/1929	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	11/5/1929	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	12/31/1929	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	5/14/1930	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	4/15/1932	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	5/4/1932	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	7/16/1933	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	3/29/1980	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	5/17/1980	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	7/7/1981	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	8/30/1981	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	10/15/1981	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	10/16/1981	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	11/2/1981	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	11/28/1981	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	3/4/1982	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	5/12/1982	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	5/15/1982	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	6/13/1982	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	6/23/1983	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	12/29/1983	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	12/13/1984	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/26/1985	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	5/16/1985	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	10/22/1985	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	1/25/1986	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	4/4/1986	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	4/5/1986	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	7/3/1986	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	12/21/1986	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	3/31/1987	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	10/14/1987	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	3/21/1988	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	6/15/1989	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	7/18/1989	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	8/19/1989	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	8/20/1989	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	10/1/1989	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	1/25/1990	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	7/15/1990	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	11/20/1990	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	1/11/1991	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	2/27/1991	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	6/21/1991	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	6/22/1991	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	11/23/1991	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	5/14/1992	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	9/13/1992	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	2/23/1993	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	2/25/1993	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	2/26/1993	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	7/17/1993	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	8/9/1993	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/10/1993	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	11/7/1993	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	12/13/1993	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	7/10/1995	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	6/8/1997	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	6/11/1997	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	6/17/1997	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	8/15/1997	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	1/20/1998	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	11/24/1998	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	9/27/1999	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	3/13/2000	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	7/20/2000	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	7/31/2000	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	8/2/2000	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	5/13/2001	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	5/16/2001	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	7/15/2003	31	31	1.62	57.25	7323	45.6802%	Zinc	140.00	µg/L	60.7	28.3	43.20552842	18.73268268
5439000	5/8/2004	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	5/9/2004	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	7/2/2004	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	3/23/2005	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	4/7/2005	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	4/22/2005	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	3/16/2006	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	4/24/2006	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	7/2/2006	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	1/27/2007	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	5/17/2007	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	6/22/2007	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	1/31/2008	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/24/2008	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	6/26/2008	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	6/29/2008	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	12/20/2009	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	12/23/2009	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	1/21/2010	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	1/22/2010	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	2/22/2010	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	7/14/2010	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	7/11/2011	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	11/25/2011	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	4/23/2012	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	5/30/2012	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	4/4/2013	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	5/27/2013	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	5/29/2013	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	7/28/2015	31	31	1.62	57.25	7323	45.6802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.73268268
5439000	4/29/1926	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	8/1/1926	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	8/2/1926	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	12/20/1926	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	1/29/1927	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	10/22/1927	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	5/15/1930	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	6/27/1930	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	10/19/1930	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	3/17/1931	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	4/6/1931	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	12/8/1931	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/24/1932	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/29/1932	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/15/1932	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	5/26/1932	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	4/27/1933	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	11/22/1979	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	11/30/1979	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	12/9/1979	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	1/3/1980	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	5/7/1980	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	5/19/1980	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	11/8/1980	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	12/23/1980	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	10/11/1981	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	11/1/1981	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	11/30/1981	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	12/13/1981	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	1/20/1983	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	12/25/1983	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	3/8/1984	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	10/31/1984	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	12/7/1984	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	12/12/1984	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	1/11/1985	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	5/5/1985	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/3/1986	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/11/1986	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	6/23/1986	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	7/25/1986	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	10/15/1986	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	12/22/1986	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	12/25/1986	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	3/5/1987	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/11/1987	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	10/16/1987	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	5/17/1988	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	4/4/1989	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	7/25/1989	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	10/5/1989	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	7/13/1990	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	8/8/1990	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	11/23/1990	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	11/24/1990	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	1/13/1991	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/2/1991	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	12/31/1991	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	1/1/1992	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/3/1992	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/7/1992	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/8/1992	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	4/8/1992	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	5/15/1992	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	9/27/1992	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/16/1993	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/27/1993	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	8/5/1993	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	11/8/1993	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	11/19/1993	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	12/11/1993	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	1/4/1994	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	4/26/1994	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/16/1995	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	7/3/1995	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	8/16/1995	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/1/1995	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	12/3/1995	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/14/1996	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	4/16/1996	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	4/20/1996	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	5/2/1996	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	5/3/1996	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	8/28/1996	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	9/26/1996	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	1/10/1997	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	6/5/1997	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	6/6/1997	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	6/15/1997	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/1/1998	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	7/15/1998	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	11/4/1998	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	11/26/1998	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	8/24/1999	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	12/5/1999	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	3/14/2000	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	3/15/2000	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	8/5/2000	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	9/22/2000	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	6/25/2001	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	9/21/2001	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	11/28/2001	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	11/29/2001	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	12/1/2001	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	12/16/2001	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	12/18/2001	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	12/19/2001	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/30/2002	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	6/9/2003	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	3/23/2004	30	30	1.62	55.63	7427	46.3290%	Zinc	110.00	µg/L	60.7	28.3	32.98832659	18.2035584
5439000	7/6/2004	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	1/21/2005	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/4/2005	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	3/20/2005	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	4/25/2006	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	6/18/2007	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	7/31/2007	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/4/2008	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/7/2008	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/25/2008	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/29/2008	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	3/1/2008	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	5/9/2008	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	11/28/2008	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	1/16/2009	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/23/2009	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/23/2010	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	3/1/2010	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	5/6/2010	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	6/7/2010	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	1/6/2011	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	2/14/2011	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	7/6/2011	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	5/26/2012	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	5/27/2012	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	6/5/2012	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	4/7/2013	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	4/23/2014	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/24/2014	30	30	1.62	55.63	7427	46.3290%	Zinc	--	µg/L	60.7	28.3	#VALUE!	18.2035584
5439000	1/7/1926	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	4/30/1926	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	6/27/1926	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	8/25/1926	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	8/26/1926	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	10/31/1926	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	12/22/1926	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	6/18/1927	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/11/1928	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	4/30/1928	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	7/13/1928	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	1/20/1929	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	2/3/1929	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	7/8/1929	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	4/11/1930	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/18/1931	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/19/1931	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	7/5/1931	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	2/10/1932	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	2/28/1932	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/19/1932	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	4/16/1932	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	4/24/1932	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	4/27/1932	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	2/7/1933	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/4/1933	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/7/1933	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/8/1933	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/16/1933	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/18/1933	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/28/1933	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	4/29/1933	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/23/1980	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	5/8/1980	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	6/20/1980	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	11/9/1980	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	2/21/1981	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	11/29/1981	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	12/14/1981	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	5/11/1982	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	6/22/1982	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	12/26/1983	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	12/28/1983	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/11/1984	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/12/1984	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	6/25/1984	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	6/27/1984	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	11/13/1984	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	1/12/1985	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	1/23/1985	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	4/27/1985	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	6/15/1985	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	7/24/1986	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	9/26/1986	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	10/16/1986	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/6/1987	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/9/1987	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	10/15/1987	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	5/18/1988	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	5/19/1988	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	5/20/1988	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/26/1988	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/27/1989	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	9/29/1989	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	10/2/1989	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	1/21/1990	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	7/28/1990	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	11/25/1990	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	1/7/1991	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	1/9/1991	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	2/10/1992	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	5/16/1992	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	9/26/1992	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	9/28/1992	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	2/28/1993	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/1/1993	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	11/9/1993	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	11/29/1993	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	4/7/1994	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	7/9/1994	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/6/1995	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	11/5/1995	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	7/10/1996	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	6/9/1997	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	6/30/1997	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	7/5/1999	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	5/27/2000	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	5/28/2000	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	10/31/2001	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	12/23/2001	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	12/25/2001	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/22/2004	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/15/2004	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	7/9/2004	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	7/10/2004	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/24/2005	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	4/23/2005	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	6/4/2006	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	2/8/2008	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	2/26/2008	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	12/21/2009	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	12/22/2009	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	2/26/2010	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	8/12/2010	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	8/13/2010	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	4/4/2012	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	4/27/2012	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	6/6/2012	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	4/5/2013	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	5/24/2013	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	8/22/2013	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	5/25/2014	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	5/29/2014	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	11/25/2014	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	12/1/2014	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	12/2/2014	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	7/29/2015	29	29	1.62	54.02	7566	47.1961%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.67443412
5439000	3/29/1926	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/3/1926	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	8/3/1926	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	11/1/1926	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	11/2/1926	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	12/19/1926	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/21/1926	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	6/19/1927	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	3/18/1928	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	3/19/1928	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/22/1928	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	8/9/1928	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	11/13/1928	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	11/14/1928	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	4/12/1930	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	4/13/1930	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/16/1930	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	6/13/1931	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	2/3/1932	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	2/25/1932	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	2/26/1932	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	2/27/1932	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	3/18/1932	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	4/17/1932	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	3/17/1933	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	6/8/1933	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	12/1/1979	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	12/6/1979	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	12/7/1979	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	1/18/1980	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/9/1980	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/10/1980	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/11/1980	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/13/1980	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/20/1980	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	7/9/1980	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	7/10/1980	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/25/1980	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	3/14/1981	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	3/15/1981	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	7/8/1981	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	11/9/1981	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	3/5/1982	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/9/1982	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/10/1982	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/16/1982	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	1/21/1983	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	6/24/1983	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	7/25/1983	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	12/27/1983	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	12/30/1983	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	10/29/1984	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	11/14/1984	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	12/8/1984	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	1/20/1985	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	4/28/1985	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	4/30/1985	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/17/1985	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	10/23/1985	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	11/9/1986	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	11/13/1986	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	1/9/1987	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	3/4/1987	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	3/19/1987	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/12/1987	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/14/1987	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	10/19/1987	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/21/1988	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/22/1988	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/27/1988	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/28/1988	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	11/19/1988	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	1/15/1989	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	3/19/1989	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	6/16/1989	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	9/30/1989	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	1/6/1990	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	7/17/1990	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	8/16/1990	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	10/21/1990	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	1/12/1991	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	1/15/1991	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	6/30/1991	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	2/11/1992	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	2/17/1992	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/17/1992	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	11/10/1993	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	11/11/1993	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	12/1/1993	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	4/8/1994	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	4/16/1994	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	3/7/1995	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	7/11/1995	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	9/7/1995	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	11/30/1995	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	12/8/1995	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	2/9/1996	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	4/22/1996	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/4/1996	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/13/1996	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	12/11/1996	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	7/1/1997	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	1/21/1998	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	11/5/1998	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	11/29/1998	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	3/19/2000	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/25/2000	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	11/17/2000	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	1/29/2001	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/17/2001	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/18/2001	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/22/2001	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	4/16/2004	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	12/11/2004	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	3/22/2005	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/22/2005	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	4/8/2006	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	10/3/2006	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	1/24/2007	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	6/13/2007	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	6/14/2007	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	6/29/2007	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	7/5/2007	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	12/14/2007	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	2/5/2008	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	2/6/2008	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	2/27/2008	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	6/27/2008	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	7/13/2009	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	8/18/2009	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/1/2009	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	12/10/2009	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	2/27/2010	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	6/10/2010	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	9/29/2011	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	4/5/2012	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	10/17/2012	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/26/2013	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	7/17/2013	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	5/27/2014	28	28	1.62	52.40	7683	47.9259%	Zinc	--	µg/L	60.7	28.3	#VALUE!	17.14530984
5439000	1/20/1926	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	5/1/1926	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	11/3/1926	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	11/4/1926	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	10/2/1927	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	3/23/1928	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	11/15/1928	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	10/27/1929	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	10/30/1929	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	4/14/1930	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	10/7/1930	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	4/7/1931	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	6/28/1931	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	4/18/1932	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	4/28/1932	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	5/16/1932	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	3/5/1933	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	3/6/1933	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	5/21/1980	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	6/21/1980	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	10/12/1981	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/15/1981	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	12/21/1981	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	5/20/1982	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	5/26/1982	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	6/14/1982	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	8/10/1982	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	1/22/1983	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	6/25/1983	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	11/15/1984	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	12/9/1984	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	1/22/1985	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	4/29/1985	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	5/1/1985	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	7/7/1985	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	7/9/1985	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	1/26/1986	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	2/27/1986	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	4/6/1986	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	5/15/1986	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	7/4/1986	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	11/18/1986	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	12/26/1986	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	12/29/1986	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	12/30/1986	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	1/2/1987	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	1/13/1987	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	4/2/1987	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	6/23/1987	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	10/18/1987	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	10/20/1987	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	10/24/1987	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/25/1989	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	1/27/1989	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	7/18/1990	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	8/30/1990	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	1/10/1991	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	1/14/1991	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	6/23/1991	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	11/25/1991	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	2/13/1992	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	5/23/1992	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	8/1/1992	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	8/3/1992	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	9/17/1992	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	9/23/1992	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	11/16/1993	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	11/17/1993	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	1/5/1994	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	4/9/1994	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	2/17/1995	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	2/18/1995	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	12/2/1995	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	12/5/1995	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	1/18/1996	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	2/29/1996	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	7/12/1996	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	7/15/1996	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	6/10/1997	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	6/18/1997	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	7/16/1998	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	11/27/1998	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	11/28/1998	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/21/1998	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	7/6/1999	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	3/16/2000	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	7/21/2000	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	9/12/2000	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	5/24/2001	27	27	1.62	50.78	7823	48.7992%	Zinc	130.00	µg/L	60.7	28.3	35.58655886	16.61618556
5439000	6/26/2001	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	12/3/2001	27	27	1.62	50.78	7823	48.7992%	Zinc	100.00	µg/L	60.7	28.3	27.37427605	16.61618556
5439000	12/20/2001	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	8/24/2002	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	12/15/2003	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	7/7/2004	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	3/21/2005	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	4/8/2005	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	6/23/2006	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	9/11/2006	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	6/12/2007	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	9/19/2007	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	10/16/2007	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	2/10/2008	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	5/10/2008	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	7/7/2008	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	1/24/2009	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	2/10/2010	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	2/11/2010	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	2/12/2010	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	2/13/2010	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	2/16/2010	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	2/21/2010	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	6/11/2010	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	7/10/2010	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/7/2011	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	6/7/2012	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	4/6/2013	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	5/25/2013	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	10/20/2014	27	27	1.62	50.78	7823	48.7992%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.61618556
5439000	2/2/1926	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	3/11/1926	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	3/27/1926	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	7/7/1926	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	8/27/1926	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	6/20/1927	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	6/28/1927	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	9/29/1927	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	10/23/1927	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	2/24/1928	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	7/30/1928	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	10/23/1928	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	11/6/1928	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	11/16/1928	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	1/17/1929	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	1/18/1929	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	1/19/1929	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	2/4/1929	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	6/3/1929	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	7/9/1929	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	10/25/1929	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	11/6/1929	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	5/18/1930	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	3/27/1931	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	4/8/1931	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	4/20/1932	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/29/1932	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	4/30/1932	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	6/10/1932	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	2/6/1933	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	2/20/1933	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	12/8/1979	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	1/7/1980	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	3/28/1980	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	5/12/1980	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	5/14/1980	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	5/22/1980	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	5/24/1980	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	6/22/1980	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	11/14/1980	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	12/24/1980	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	12/26/1980	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	3/16/1981	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	3/17/1981	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	7/9/1981	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	10/13/1981	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	11/25/1981	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	12/16/1981	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	12/18/1981	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	5/18/1982	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	6/26/1984	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	5/6/1985	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	2/28/1986	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	3/1/1986	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	4/7/1986	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	10/17/1986	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	12/27/1986	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/28/1986	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	12/31/1986	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	1/1/1987	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	1/6/1987	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	3/18/1987	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	3/25/1987	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	5/13/1987	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	8/2/1987	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	5/29/1988	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	8/9/1988	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	11/28/1988	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	4/5/1989	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	6/17/1989	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	6/18/1989	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	8/21/1989	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	10/6/1989	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	8/9/1990	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	10/11/1990	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	1/16/1991	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	1/18/1991	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	1/19/1991	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	1/23/1991	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	2/28/1991	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	5/18/1992	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	7/19/1992	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	7/24/1992	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	9/21/1992	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	8/17/1993	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	8/28/1993	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	11/18/1993	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	11/20/1993	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/25/1993	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	4/18/1994	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	7/15/1994	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	7/16/1994	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	7/17/1994	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	7/12/1995	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	7/13/1995	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	12/9/1995	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	4/18/1996	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	4/21/1996	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	7/11/1996	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	8/29/1996	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	2/6/1997	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	6/19/1997	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	11/6/1998	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	12/1/1998	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	7/9/1999	26	26	1.62	49.16	7942	49.5415%	Zinc	170.00	µg/L	60.7	28.3	45.05437262	16.08706128
5439000	5/26/2000	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	11/1/2001	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	12/2/2001	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	12/4/2001	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	12/5/2001	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	12/22/2001	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	7/1/2002	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	6/10/2003	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	2/21/2004	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	4/17/2004	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	1/22/2005	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	4/14/2005	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	5/13/2005	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	4/26/2006	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/25/2006	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	5/18/2007	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	5/19/2007	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	5/20/2007	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	6/26/2007	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	12/11/2007	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	7/26/2008	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	9/4/2008	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	11/29/2008	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	2/14/2010	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	2/15/2010	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	2/17/2010	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	2/20/2010	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	2/24/2010	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	2/25/2010	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	7/15/2010	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	7/8/2011	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	4/6/2012	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	4/8/2012	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	4/9/2012	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	4/10/2012	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	4/14/2012	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	6/8/2012	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	2/20/2014	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	2/23/2014	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	5/4/2014	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	5/9/2014	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	5/13/2014	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	5/26/2014	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	7/24/2014	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128
5439000	11/30/2014	26	26	1.62	49.16	7942	49.5415%	Zinc	--	µg/L	60.7	28.3	#VALUE!	16.08706128

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/18/1926	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	3/9/1926	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	5/2/1926	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	11/5/1926	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	11/6/1926	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	12/18/1926	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	3/4/1927	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	5/17/1928	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	7/10/1929	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	7/27/1929	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	5/17/1930	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	5/19/1930	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	10/11/1930	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	12/1/1930	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	3/26/1931	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	2/9/1932	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	4/19/1932	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	4/21/1932	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	2/13/1933	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	12/2/1979	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/4/1980	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	3/27/1980	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	5/15/1980	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	5/23/1980	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	5/25/1980	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	6/23/1980	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	8/31/1981	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	9/1/1981	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	11/10/1981	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	11/20/1981	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	12/17/1981	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/19/1981	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	12/22/1981	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	3/9/1982	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	5/13/1982	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	6/23/1982	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/23/1983	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	2/15/1983	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	6/26/1983	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	12/31/1983	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	3/13/1984	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	12/10/1984	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	5/2/1985	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	8/1/1985	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/3/1986	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	5/13/1986	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	5/14/1986	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	6/24/1986	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	6/27/1986	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	10/19/1986	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/7/1987	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/11/1987	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/14/1987	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/15/1987	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	3/11/1987	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	3/24/1987	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	4/3/1987	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	6/24/1987	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	10/21/1987	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	10/27/1987	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	5/30/1988	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	11/18/1988	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/28/1989	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	3/20/1989	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	3/26/1989	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	7/13/1989	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	7/26/1989	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/11/1990	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	7/31/1990	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	11/26/1990	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/17/1991	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/20/1991	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/21/1991	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/22/1991	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/24/1991	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/25/1991	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/26/1991	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/27/1991	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/28/1991	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	2/1/1991	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	8/8/1991	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	11/24/1991	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	11/26/1991	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	11/28/1991	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	2/14/1992	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	5/19/1992	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	5/22/1992	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	11/30/1993	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/24/1994	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	2/16/1994	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	4/10/1994	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	4/17/1994	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	7/10/1994	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/14/1994	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	8/15/1994	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	8/19/1994	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	10/6/1995	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	11/6/1995	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	12/4/1995	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	12/10/1995	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/20/1996	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	2/28/1996	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	3/26/1996	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	7/14/1996	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	9/27/1996	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	12/20/1996	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	12/21/1996	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	12/28/1996	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/11/1997	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/25/1997	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	2/5/1997	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	2/18/1997	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	6/20/1997	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	6/21/1997	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	7/2/1997	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	11/9/1998	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	12/22/1998	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	7/23/1999	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	10/1/1999	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	3/24/2000	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	4/17/2000	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	5/30/2000	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	5/23/2001	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	6/27/2001	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/6/2001	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	12/24/2001	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	2/10/2002	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	7/2/2002	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	8/14/2002	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	6/11/2003	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	4/18/2004	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	4/19/2004	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	7/8/2004	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	11/28/2004	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	4/9/2005	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	4/15/2005	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	4/17/2005	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	4/18/2005	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	4/25/2005	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	5/23/2005	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	6/5/2006	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	6/6/2006	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	7/4/2006	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	8/3/2006	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	2/9/2008	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	12/7/2008	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	7/15/2009	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	2/18/2010	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	2/19/2010	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	2/28/2010	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/7/2011	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	6/9/2012	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	2/7/2013	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	2/16/2013	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	2/18/2013	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/2/2014	25	25	1.62	47.55	8092	50.4772%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.557937
5439000	1/21/1926	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/8/1926	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	11/7/1926	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	11/8/1926	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	12/26/1926	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	1/5/1927	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/6/1927	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/11/1927	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/20/1928	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/21/1928	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/14/1928	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	11/10/1929	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/25/1930	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	5/20/1930	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	10/20/1930	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/16/1931	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	6/14/1931	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	6/22/1931	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	10/12/1931	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	10/14/1931	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	2/23/1932	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/24/1932	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/7/1932	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	2/14/1933	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	12/5/1979	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	1/8/1980	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	1/19/1980	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/26/1980	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	6/24/1980	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	11/10/1980	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/13/1980	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	12/2/1980	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	12/27/1980	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/18/1981	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/10/1981	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	11/11/1981	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	12/20/1981	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/10/1982	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	5/14/1982	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	5/17/1982	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	1/24/1983	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	2/2/1983	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/26/1983	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	6/28/1984	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	1/21/1985	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	1/24/1985	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/8/1985	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/14/1985	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	12/24/1985	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	1/2/1986	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	1/27/1986	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/8/1986	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/5/1986	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/26/1986	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	10/18/1986	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	10/20/1986	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	10/21/1986	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	11/10/1986	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	11/11/1986	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	11/15/1986	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	1/3/1987	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/10/1987	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/14/1987	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/20/1987	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/21/1987	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/22/1987	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	5/17/1987	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	6/25/1987	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	10/22/1987	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	10/23/1987	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	10/26/1987	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/21/1989	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/25/1989	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/6/1989	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/7/1989	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/8/1989	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	8/22/1989	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	10/3/1989	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	1/22/1990	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	1/24/1990	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	8/31/1990	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	10/17/1990	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	10/22/1990	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	1/29/1991	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/3/1991	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	5/20/1992	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	5/21/1992	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/2/1992	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/23/1992	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/30/1992	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	9/29/1992	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	8/11/1993	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/18/1993	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	11/21/1993	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	1/6/1994	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	1/23/1994	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/11/1994	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/19/1994	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/25/1994	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/30/1994	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/14/1995	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/20/1995	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/23/1996	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	5/5/1996	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	5/6/1996	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	12/22/1996	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	12/24/1996	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	1/23/1997	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	2/7/1997	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	11/7/1998	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	12/2/1998	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	12/3/1998	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	10/4/1999	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/21/2000	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/25/2000	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/27/2000	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	5/29/2000	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	10/7/2000	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	11/7/2000	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	11/18/2000	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	11/19/2000	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	5/19/2001	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	5/20/2001	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/25/2001	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	6/28/2001	24	24	1.62	45.93	8248	51.4503%	Zinc	150.00	µg/L	60.7	28.3	37.13874644	15.02881272
5439000	12/21/2001	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	11/3/2003	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/10/2005	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/16/2005	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/19/2005	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/20/2005	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/24/2005	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/26/2005	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	5/14/2005	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	3/17/2006	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/27/2006	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	5/21/2007	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	6/17/2007	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	6/30/2007	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	8/1/2007	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	12/3/2008	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	1/25/2009	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	1/26/2009	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	8/21/2009	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	8/2/2010	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/9/2011	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/12/2011	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/22/2011	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/7/2012	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/11/2012	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/12/2012	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	4/13/2012	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/18/2013	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	9/5/2014	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/28/2014	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	7/30/2015	24	24	1.62	45.93	8248	51.4503%	Zinc	--	µg/L	60.7	28.3	#VALUE!	15.02881272
5439000	6/28/1926	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	8/4/1926	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	1/6/1927	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	3/8/1927	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	3/9/1927	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	3/10/1927	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	10/24/1927	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	1/1/1928	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	1/25/1928	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	3/22/1928	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/1/1928	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	10/24/1928	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	2/5/1929	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	6/4/1929	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	6/11/1929	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	7/18/1929	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	11/7/1929	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	1/26/1931	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	4/22/1931	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	11/17/1931	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	3/20/1932	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/1/1932	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	6/17/1932	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	8/28/1932	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	9/13/1932	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	2/15/1933	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	6/9/1933	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	7/17/1933	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	12/14/1979	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/5/1980	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	1/23/1980	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/16/1980	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	6/25/1980	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	6/29/1980	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	12/28/1980	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	3/19/1981	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	3/20/1981	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	8/19/1981	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	11/24/1981	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/21/1982	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	8/11/1982	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	7/11/1984	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/3/1985	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/4/1985	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/12/1985	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/18/1985	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/20/1985	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/27/1985	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	12/22/1985	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	12/23/1985	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	12/28/1985	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	1/4/1986	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	2/12/1986	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	4/14/1986	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/1/1986	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	11/20/1986	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	1/4/1987	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	1/5/1987	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	2/1/1987	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	2/8/1987	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/12/1987	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	3/13/1987	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	3/23/1987	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	4/4/1987	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	4/5/1987	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	4/6/1987	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	4/7/1987	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	4/10/1987	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	4/12/1987	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/15/1987	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/16/1987	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/31/1988	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	11/20/1988	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	1/16/1989	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	1/20/1989	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	3/22/1989	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	3/24/1989	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	6/19/1989	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	1/7/1990	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	1/23/1990	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	1/30/1991	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	6/24/1991	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	9/13/1993	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	11/22/1993	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	11/24/1993	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	1/22/1994	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	1/25/1994	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/1/1994	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	7/11/1994	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	7/12/1994	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	8/21/1994	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/8/1995	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	3/9/1995	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	7/15/1995	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	12/11/1995	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	3/1/1996	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	4/17/1996	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	4/25/1996	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/7/1996	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/8/1996	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	8/30/1996	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	10/30/1996	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	12/23/1996	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	12/25/1996	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	2/8/1997	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	1/22/1998	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	11/8/1998	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	12/4/1998	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	12/23/1998	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	3/17/2000	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	3/18/2000	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	7/22/2000	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	11/20/2000	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	10/15/2001	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	12/7/2001	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	12/27/2001	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	7/11/2004	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	11/1/2004	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	12/12/2004	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	7/5/2006	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	9/4/2006	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	9/20/2007	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/18/2007	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	12/2/2008	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	12/6/2008	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	7/14/2009	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	8/15/2010	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	1/10/2011	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	8/21/2011	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	6/10/2012	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/5/2014	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	8/8/2014	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	8/11/2014	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	10/21/2014	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	11/27/2014	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	12/3/2014	23	23	1.62	44.31	8404	52.4234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	14.49968844
5439000	5/4/1926	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	3/7/1927	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	6/29/1927	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	5/2/1928	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	9/15/1928	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	8/5/1929	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	10/29/1929	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	5/21/1930	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	4/9/1931	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	4/13/1931	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	5/21/1931	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	10/13/1931	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	2/4/1932	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	4/22/1932	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	4/23/1932	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	5/17/1932	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	1/5/1933	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/9/1933	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	2/12/1933	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	2/16/1933	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	2/17/1933	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	2/18/1933	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/4/1979	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/10/1979	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/12/1979	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	1/6/1980	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	1/17/1980	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	1/24/1980	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	3/6/1980	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	3/12/1980	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	5/26/1980	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	8/2/1980	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	8/6/1980	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	11/12/1980	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	11/15/1980	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/6/1980	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/29/1980	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/30/1980	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	3/29/1981	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	3/30/1981	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	7/11/1981	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	11/12/1981	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	11/13/1981	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	3/8/1982	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	5/22/1982	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	6/24/1982	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	11/7/1982	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	1/25/1983	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/6/1983	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	1/1/1984	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	6/29/1984	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	5/19/1985	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	6/17/1985	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	7/11/1985	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/27/1985	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/29/1985	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	1/5/1986	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	1/28/1986	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	4/9/1986	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	4/15/1986	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	6/25/1986	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	6/26/1986	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	6/28/1986	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	7/27/1986	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	10/22/1986	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	10/23/1986	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	10/24/1986	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	11/12/1986	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	11/14/1986	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	11/16/1986	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	11/19/1986	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	1/8/1987	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	1/12/1987	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	3/15/1987	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	3/26/1987	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	4/8/1987	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	6/26/1987	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	10/25/1987	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	6/1/1988	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/10/1988	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	11/15/1988	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	2/2/1989	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	3/23/1989	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	4/28/1989	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	5/19/1989	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	8/28/1989	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	10/4/1989	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	1/8/1990	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	1/12/1990	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	8/1/1990	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	8/10/1990	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	9/7/1990	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	10/23/1990	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	1/31/1991	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	6/25/1991	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	9/13/1991	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	11/17/1991	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	5/24/1992	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	7/20/1992	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	9/30/1992	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	8/13/1993	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	11/23/1993	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	1/7/1994	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	1/11/1994	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	11/7/1995	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/6/1995	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/12/1995	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	3/27/1996	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	8/31/1996	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/19/1996	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/2/1997	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	2/9/1997	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	6/22/1997	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	1/23/1998	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	7/17/1998	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	8/5/1998	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/5/1998	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	7/7/1999	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	3/22/2000	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	3/28/2000	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	4/10/2000	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	9/23/2000	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	11/26/2000	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	6/29/2001	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	11/2/2001	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/8/2001	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/26/2001	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/28/2001	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	6/12/2003	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/16/2003	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	2/20/2004	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	7/21/2004	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/6/2004	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	1/23/2005	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	4/11/2005	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	4/27/2005	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	3/12/2006	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	6/7/2006	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	6/24/2006	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	11/29/2006	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/11/2006	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/6/2007	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	9/21/2007	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	2/28/2008	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	6/30/2008	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	7/8/2008	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	7/30/2008	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	12/4/2008	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	9/2/2009	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	7/16/2010	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	7/10/2011	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	8/25/2011	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	6/11/2012	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	10/19/2012	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	5/6/2014	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	5/30/2014	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	7/25/2014	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	10/13/2014	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	7/31/2015	22	22	1.62	42.70	8540	53.2718%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.97056417
5439000	3/13/1926	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	5/5/1926	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	6/29/1926	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	1/4/1927	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	6/30/1927	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	5/4/1928	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	6/5/1929	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	10/28/1929	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	11/8/1929	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	12/30/1929	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	10/17/1930	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	6/29/1931	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	11/16/1931	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/8/1932	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	5/2/1932	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	5/3/1932	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/8/1932	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	12/31/1932	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	2/10/1933	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	2/11/1933	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	2/19/1933	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	3/13/1933	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	12/3/1979	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	12/11/1979	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	2/28/1980	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	6/26/1980	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/23/1980	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	11/11/1980	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	12/31/1980	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	3/21/1981	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/12/1981	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	9/26/1981	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	9/27/1981	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	11/14/1981	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	11/15/1981	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	11/19/1981	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	3/6/1982	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/27/1983	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	1/2/1984	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	3/14/1984	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	11/16/1984	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	12/25/1985	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	12/26/1985	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	12/30/1985	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/1/1986	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	2/2/1986	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	4/10/1986	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	4/11/1986	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	4/17/1986	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/28/1986	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	9/27/1986	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	1/19/1987	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	2/28/1987	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	4/9/1987	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	4/13/1987	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	10/28/1987	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	6/2/1988	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	4/9/1989	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	6/20/1989	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	6/21/1989	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	8/23/1989	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	11/15/1989	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	9/1/1990	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	10/10/1990	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	10/24/1990	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	6/26/1991	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/4/1991	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	5/25/1992	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	5/26/1992	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	9/24/1992	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	8/19/1993	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	9/7/1993	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	1/12/1994	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	1/26/1994	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	2/15/1994	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/20/1994	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	4/24/1994	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	4/29/1994	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	6/17/1994	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/13/1994	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/18/1994	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	12/13/1995	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	1/17/1996	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	4/26/1996	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/16/1996	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	12/26/1996	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	12/29/1996	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	1/14/1997	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	1/22/1997	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	1/26/1997	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	2/4/1997	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	2/10/1997	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	2/17/1997	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	6/23/1997	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/3/1997	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	1/24/1998	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	1/25/1998	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/20/1998	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/10/1999	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	2/22/2000	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	3/23/2000	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	3/26/2000	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	4/9/2000	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	8/10/2000	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	10/8/2000	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	11/21/2000	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/22/2000	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/3/2001	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	11/3/2001	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	6/13/2003	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/14/2003	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/12/2004	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	2/3/2005	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	4/21/2005	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	4/9/2006	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	12/9/2006	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	12/10/2006	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	5/22/2007	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	9/22/2007	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/29/2008	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	8/4/2008	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	12/8/2008	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	1/23/2009	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	1/27/2009	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/16/2009	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/17/2009	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/24/2009	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	1/11/2011	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/23/2011	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/26/2011	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	6/12/2012	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	2/22/2013	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/19/2013	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	4/27/2014	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	5/7/2014	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	7/26/2014	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	9/4/2014	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/10/2015	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	8/10/2015	21	21	1.62	41.08	8699	54.2636%	Zinc	--	µg/L	60.7	28.3	#VALUE!	13.44143989
5439000	2/4/1926	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	3/28/1926	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	7/9/1926	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	9/9/1926	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/18/1927	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/2/1928	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/6/1928	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/26/1928	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	2/18/1928	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	2/19/1928	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/3/1928	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/5/1928	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	7/15/1928	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	7/31/1928	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	8/1/1928	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	8/10/1928	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/16/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	2/6/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	2/25/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/20/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/21/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/22/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/23/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/24/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/25/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/26/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/27/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/28/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/29/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/30/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/1/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/2/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/3/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/4/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/5/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/6/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/7/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/8/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/9/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/13/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/29/1929	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	10/21/1930	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	4/10/1931	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	2/7/1932	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	3/23/1932	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/18/1932	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/19/1932	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	6/11/1932	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	6/18/1932	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/4/1933	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	6/10/1933	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/19/1979	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/23/1979	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/22/1980	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/27/1980	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	6/27/1980	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	8/3/1980	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/16/1980	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/28/1980	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/1/1981	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/6/1981	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	3/22/1981	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	4/12/1981	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	7/13/1981	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	8/28/1981	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/16/1981	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/17/1981	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/18/1981	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	8/12/1982	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/1/1982	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/8/1982	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/26/1983	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/27/1983	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	2/3/1983	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	8/4/1983	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	9/17/1983	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	9/20/1983	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	10/23/1983	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/11/1984	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/29/1985	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/7/1985	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/8/1985	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/10/1985	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/11/1985	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/14/1985	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	6/24/1985	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/6/1986	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/29/1986	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	4/12/1986	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/17/1986	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/21/1986	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/27/1987	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	3/28/1987	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	10/29/1987	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	10/30/1987	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/29/1988	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/19/1989	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/21/1989	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/20/1989	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/24/1989	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	6/22/1989	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/16/1989	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	8/2/1990	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	10/12/1990	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	10/15/1990	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	6/27/1991	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	7/1/1991	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/27/1991	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/27/1992	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	6/17/1992	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	8/26/1992	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	9/18/1992	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	9/20/1992	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	9/25/1992	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	8/14/1993	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	9/11/1993	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/8/1994	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/9/1994	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/10/1994	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/13/1994	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/21/1994	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/27/1994	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/31/1994	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	2/1/1994	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	2/2/1994	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	2/3/1994	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	2/4/1994	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	2/14/1994	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	4/21/1994	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	4/22/1994	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	4/27/1994	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	4/28/1994	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/2/1994	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/7/1994	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	8/18/1995	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/14/1995	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/15/1995	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	4/24/1996	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/27/1996	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/12/1997	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/13/1997	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/21/1997	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/27/1997	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	2/11/1997	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/26/1998	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	7/18/1998	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/24/1998	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	7/8/1999	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	4/18/2000	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	9/24/2000	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	6/30/2001	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	9/20/2001	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/4/2001	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/9/2001	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/12/2001	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	7/3/2002	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	8/4/2002	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	6/14/2003	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	6/19/2003	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/15/2005	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/24/2005	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	6/5/2005	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	4/10/2006	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	4/12/2006	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	4/28/2006	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	4/29/2006	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	6/16/2007	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	7/1/2007	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/15/2007	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/21/2007	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	7/27/2008	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	12/5/2008	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	7/25/2009	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	8/17/2009	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	8/20/2009	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	7/17/2010	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/8/2011	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/9/2011	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	1/18/2011	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/3/2011	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	6/13/2012	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	10/14/2012	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	2/2/2013	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	2/17/2013	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/26/2014	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/8/2014	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	5/10/2014	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	8/12/2014	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	8/1/2015	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	8/2/2015	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	8/3/2015	20	20	1.62	39.46	8838	55.1307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.91231561
5439000	11/14/1925	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	2/3/1926	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	2/5/1926	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	5/6/1926	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	9/6/1926	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	9/7/1926	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	12/27/1926	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	10/26/1927	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	5/6/1928	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	5/23/1928	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	8/3/1928	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	6/6/1929	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	7/28/1929	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	11/9/1929	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	12/14/1929	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	5/22/1930	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	4/21/1931	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	4/23/1931	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	6/15/1931	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	7/6/1931	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	10/11/1931	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	10/15/1931	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	11/13/1931	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	2/5/1932	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/6/1932	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	3/22/1932	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	5/20/1932	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	5/27/1932	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	2/8/1933	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	7/18/1933	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	12/15/1979	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/9/1980	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	6/30/1980	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	8/4/1980	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	11/17/1980	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	11/18/1980	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	12/5/1980	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/2/1981	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	3/23/1981	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	3/24/1981	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	3/25/1981	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	3/26/1981	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	7/15/1981	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	8/20/1981	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	9/2/1981	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	11/23/1981	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	12/23/1981	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	5/23/1982	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	10/21/1982	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/28/1983	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/29/1983	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	2/7/1983	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/3/1984	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/7/1984	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/8/1984	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/30/1984	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	11/17/1984	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	11/18/1984	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	11/19/1984	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/25/1985	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/28/1985	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	5/9/1985	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	5/21/1985	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	6/22/1985	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	7/15/1985	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	10/13/1985	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	12/31/1985	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/30/1986	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	2/13/1986	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	2/18/1986	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	4/13/1986	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	4/16/1986	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	4/18/1986	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	11/22/1986	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	2/11/1987	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	3/16/1987	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	10/31/1987	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	6/3/1988	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	11/13/1988	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	11/21/1988	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/17/1989	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/24/1989	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	5/23/1989	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	8/24/1989	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	10/7/1989	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	10/10/1989	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/11/1989	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/13/1990	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	10/16/1990	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	3/13/1991	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	3/14/1991	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	6/28/1991	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	10/30/1991	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	6/5/1992	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	7/25/1992	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	10/1/1992	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	8/8/1993	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	8/20/1993	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	9/8/1993	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/14/1994	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/15/1994	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/28/1994	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/29/1994	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/30/1994	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	2/5/1994	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	2/6/1994	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	4/23/1994	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	5/3/1994	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	5/4/1994	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	5/5/1994	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	6/19/1994	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	8/10/1994	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	7/16/1995	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	3/28/1996	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	9/1/1996	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/1/1997	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/15/1997	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/16/1997	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/17/1997	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/19/1997	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/20/1997	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	2/2/1997	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	2/3/1997	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	2/12/1997	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	2/16/1997	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	6/24/1997	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/27/1998	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/28/1998	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/31/1998	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	7/22/1998	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	7/24/1999	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	10/3/1999	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	10/5/1999	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	4/8/2000	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	4/11/2000	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	4/16/2000	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	7/23/2000	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	11/27/2000	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	12/4/2000	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	12/7/2000	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	12/8/2000	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	7/1/2001	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	10/22/2001	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	12/10/2001	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	12/29/2001	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	7/4/2002	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	10/4/2002	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	3/17/2003	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/20/2003	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	11/5/2003	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	7/13/2004	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/24/2005	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	4/11/2006	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	6/8/2006	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	5/23/2007	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	6/15/2007	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	7/3/2007	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	8/2/2007	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	1/19/2011	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	2/13/2011	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	7/13/2011	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	6/14/2012	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	6/15/2012	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	6/16/2012	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	6/17/2012	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	2/8/2013	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	6/1/2014	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	8/2/2014	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	8/23/2014	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	9/13/2014	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	11/29/2014	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	12/16/2014	19	19	1.62	37.85	9029	56.3221%	Zinc	--	µg/L	60.7	28.3	#VALUE!	12.38319133
5439000	4/4/1926	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	5/7/1926	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	6/30/1926	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/2/1927	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/7/1927	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	10/25/1927	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	10/27/1927	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/14/1927	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/3/1928	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/4/1928	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/20/1928	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	5/7/1928	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	8/2/1928	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	10/26/1928	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/7/1929	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	6/7/1929	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/12/1929	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/15/1929	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/16/1929	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/17/1929	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/28/1929	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	5/23/1930	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	5/24/1930	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	6/28/1930	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/12/1930	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	10/18/1930	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/2/1930	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	4/24/1931	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	5/20/1931	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	5/22/1931	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	11/15/1931	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	3/21/1932	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	5/21/1932	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	6/19/1932	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/1/1933	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/3/1933	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	6/11/1933	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/17/1979	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/18/1979	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/20/1979	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/10/1980	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/12/1980	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/20/1980	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/27/1980	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/1/1980	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	11/19/1980	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	11/20/1980	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	11/21/1980	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	11/23/1980	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	11/29/1980	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/1/1980	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/3/1981	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/5/1981	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/7/1981	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	3/27/1981	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/14/1981	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	11/21/1981	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	3/7/1982	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	8/13/1982	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/30/1983	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/31/1983	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/1/1983	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/4/1983	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/5/1983	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/28/1983	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/4/1984	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/6/1984	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	9/25/1984	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/27/1985	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/30/1985	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	6/21/1985	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	6/23/1985	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/12/1985	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/13/1985	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/25/1985	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	10/12/1985	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/9/1986	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/10/1986	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/31/1986	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/1/1986	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	4/19/1986	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	5/5/1986	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	6/29/1986	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/29/1986	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/18/1987	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/10/1987	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	3/17/1987	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	6/27/1987	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	6/29/1987	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	6/4/1988	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	11/10/1988	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	11/30/1988	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/22/1989	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	4/12/1989	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	5/21/1989	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	6/23/1989	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	8/31/1989	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	10/8/1989	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	10/9/1989	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	10/21/1989	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/2/1990	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	10/14/1990	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	10/25/1990	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	10/27/1990	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	11/4/1990	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	11/3/1991	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	5/28/1992	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	5/29/1992	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	5/30/1992	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	5/31/1992	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	6/3/1992	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	6/4/1992	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	8/2/1992	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	8/21/1993	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	8/22/1993	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	9/9/1993	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/16/1994	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/17/1994	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/7/1994	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/8/1994	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/9/1994	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/10/1994	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/11/1994	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/12/1994	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/13/1994	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	5/6/1994	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	5/8/1994	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	10/8/1994	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	10/9/1994	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/16/1995	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/15/1996	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/2/1996	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	4/27/1996	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/30/1996	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/31/1996	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/18/1997	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/28/1997	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/29/1997	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/31/1997	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/1/1997	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/13/1997	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/15/1997	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/4/1997	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/8/1997	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/29/1998	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/30/1998	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/21/1998	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	8/7/1998	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	10/5/1998	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	3/29/2000	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	8/3/2000	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	9/11/2000	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	10/9/2000	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	11/8/2000	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	11/23/2000	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	11/25/2000	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	11/29/2000	18	18	1.62	36.23	9201	57.3950%	Zinc	280.00	µg/L	60.7	28.3	54.68103416	11.85406705
5439000	12/1/2000	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/2/2000	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/5/2000	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/6/2000	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	9/24/2001	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/5/2001	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/11/2001	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/5/2002	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/6/2002	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	3/15/2003	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	3/16/2003	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	8/1/2003	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	11/4/2003	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/20/2003	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	11/29/2004	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/13/2004	18	18	1.62	36.23	9201	57.3950%	Zinc	67.00	µg/L	60.7	28.3	13.08439032	11.85406705
5439000	1/30/2005	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	5/25/2005	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	6/9/2006	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/6/2006	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/20/2006	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/26/2007	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/27/2007	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	8/5/2007	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	9/23/2007	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/1/2008	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/2/2008	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	8/6/2008	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/30/2009	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	2/1/2009	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/18/2009	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	10/2/2009	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	8/16/2010	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/12/2011	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/15/2011	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	1/20/2011	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/30/2011	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	8/6/2011	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	8/9/2011	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	9/30/2011	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	5/31/2014	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	7/27/2014	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	11/23/2014	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/4/2014	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/17/2014	18	18	1.62	36.23	9201	57.3950%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.85406705
5439000	12/7/1925	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	5/8/1926	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/2/1926	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/10/1926	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	9/8/1926	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	9/10/1926	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	12/28/1926	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	10/28/1927	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/16/1928	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	10/25/1928	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	8/6/1929	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	5/25/1930	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	9/29/1930	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	10/12/1930	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/29/1931	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/11/1931	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	6/16/1931	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/2/1933	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/6/1933	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	11/21/1979	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	12/13/1979	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	12/21/1979	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/22/1979	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/11/1980	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/13/1980	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/16/1980	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/21/1980	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/25/1980	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/11/1980	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	11/24/1980	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	11/27/1980	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	12/3/1980	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	12/4/1980	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/8/1981	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	3/28/1981	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	3/31/1981	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/4/1981	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	11/22/1981	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	2/8/1983	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	2/9/1983	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	10/22/1983	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/5/1984	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/9/1984	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/1/1984	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	10/30/1984	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/26/1985	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	2/5/1985	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	2/10/1985	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	5/13/1985	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	5/22/1985	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	5/23/1985	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	5/28/1985	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	6/18/1985	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/7/1986	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/8/1986	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/17/1986	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	2/14/1986	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/21/1986	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	5/2/1986	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	5/6/1986	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	9/11/1986	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	9/23/1986	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	2/9/1987	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	6/28/1987	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	8/3/1987	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	6/5/1988	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/18/1988	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/18/1989	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/23/1989	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	2/3/1989	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/10/1989	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/11/1989	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/13/1989	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/14/1989	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/15/1989	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/17/1989	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/29/1989	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	5/22/1989	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	8/25/1989	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	8/29/1989	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	10/12/1989	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	10/26/1990	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	6/29/1991	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/5/1991	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/4/1991	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	6/1/1992	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	6/2/1992	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	10/15/1992	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/18/1994	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/19/1994	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/20/1994	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/21/1994	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	9/24/1994	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/17/1995	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	11/8/1995	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/21/1996	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/28/1996	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	9/8/1996	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	10/29/1996	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/30/1997	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	2/14/1997	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/5/1997	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	8/6/1998	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	8/28/1998	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	9/14/1998	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	10/2/1999	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/1/2000	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/2/2000	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/3/2000	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/7/2000	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/24/2000	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	8/17/2000	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	10/10/2000	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	11/24/2000	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	11/28/2000	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/30/2000	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	12/3/2000	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	12/10/2000	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/2/2001	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/4/2001	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	11/6/2001	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	8/5/2002	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	3/14/2003	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	6/15/2003	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/22/2003	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/14/2004	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	8/4/2004	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/2/2005	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/25/2005	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/29/2005	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/31/2005	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/28/2005	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/30/2005	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	5/16/2005	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	5/26/2005	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/30/2006	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	3/10/2006	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	3/18/2006	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/13/2006	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/14/2006	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	4/15/2006	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	5/24/2007	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/2/2007	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	9/24/2007	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	9/25/2007	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	9/26/2007	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/19/2007	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	11/21/2007	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	12/2/2007	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	12/16/2007	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	12/20/2007	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/3/2008	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/19/2009	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/23/2009	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	8/7/2009	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	9/3/2009	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/18/2010	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/23/2010	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/14/2011	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/16/2011	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/17/2011	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/21/2011	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/24/2011	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/25/2011	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/29/2011	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/14/2011	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/27/2011	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/30/2011	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	6/18/2012	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	7/20/2013	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	11/1/2013	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	5/12/2014	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	6/3/2014	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	8/1/2014	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	10/22/2014	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	12/9/2014	17	17	1.62	34.61	9403	58.6551%	Zinc	--	µg/L	60.7	28.3	#VALUE!	11.32494277
5439000	1/22/1926	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/14/1926	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	8/28/1926	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	9/5/1926	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	1/3/1927	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	1/7/1927	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	10/29/1927	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	3/5/1928	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/8/1928	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/9/1928	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/24/1928	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	6/8/1929	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	7/19/1929	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	7/20/1929	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	10/24/1929	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/26/1930	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/27/1930	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/28/1930	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	4/12/1931	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	4/25/1931	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	6/30/1931	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	11/14/1931	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/22/1932	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	6/12/1932	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	3/9/1933	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	6/12/1933	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	7/19/1933	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	12/16/1979	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	1/14/1980	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	1/15/1980	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	3/5/1980	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	3/15/1980	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/2/1980	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	7/17/1980	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	11/22/1980	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	11/30/1980	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	1/4/1981	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	1/9/1981	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	7/16/1981	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	8/21/1981	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/24/1982	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/25/1982	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	8/14/1982	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	10/19/1982	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	2/10/1983	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	2/11/1983	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	2/14/1983	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	9/21/1983	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	10/20/1984	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	11/20/1984	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	11/23/1984	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	11/26/1984	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	2/4/1985	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	2/6/1985	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	2/11/1985	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/24/1985	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/25/1985	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/26/1985	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	6/27/1985	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	1/11/1986	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	1/16/1986	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	4/20/1986	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/3/1986	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/4/1986	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/11/1986	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/12/1986	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	2/14/1987	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	6/30/1987	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	6/6/1988	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	4/16/1989	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	4/22/1989	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	6/24/1989	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	6/25/1989	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	6/26/1989	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	6/27/1989	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	8/26/1989	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	10/17/1989	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	10/20/1989	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	11/17/1989	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	9/21/1990	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	10/13/1990	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	7/2/1991	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	10/31/1991	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	6/6/1992	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	7/21/1992	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	7/26/1992	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	9/19/1992	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	10/2/1992	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	10/3/1992	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	9/12/1993	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/9/1994	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	6/18/1994	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	6/21/1994	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	7/19/1994	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/20/1994	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	8/12/1994	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	10/10/1994	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	12/17/1995	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	2/27/1996	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	3/24/1996	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	3/29/1996	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	9/2/1996	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	9/3/1996	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	7/23/1998	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	12/25/1998	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	7/11/1999	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	10/6/1999	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	3/30/2000	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	4/4/2000	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	4/6/2000	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	4/12/2000	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	4/15/2000	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	9/25/2000	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	1/15/2001	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	10/16/2001	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	11/7/2001	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	11/14/2001	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	12/30/2001	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	11/2/2004	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	11/30/2004	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	1/26/2005	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	1/28/2005	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	2/1/2005	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	4/29/2005	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/1/2005	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/17/2005	16	16	1.62	32.99	9579	59.7530%	Zinc	120.00	µg/L	60.7	28.3	21.34263952	10.79581849
5439000	5/27/2005	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/28/2005	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	3/9/2006	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	11/11/2006	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/25/2007	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	12/17/2007	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	7/28/2008	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	7/22/2009	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	7/26/2009	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	8/8/2009	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	9/2/2010	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	1/13/2011	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	1/22/2011	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	1/23/2011	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	1/26/2011	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	1/27/2011	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	1/28/2011	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	1/31/2011	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	7/15/2011	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	7/16/2011	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	8/3/2011	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	5/15/2014	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	6/4/2014	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	6/8/2014	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	10/24/2014	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	10/25/2014	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	12/5/2014	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	12/18/2014	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	12/19/2014	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	12/22/2014	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/4/2015	16	16	1.62	32.99	9579	59.7530%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.79581849
5439000	11/15/1925	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	1/8/1926	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	1/30/1926	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	5/9/1926	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/1/1926	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/11/1926	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/31/1926	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/1/1927	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	10/30/1927	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	11/2/1927	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	12/19/1927	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	1/5/1928	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	1/27/1928	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/21/1928	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/25/1928	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	3/4/1928	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	5/10/1928	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	5/25/1928	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	8/11/1928	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	8/31/1928	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/8/1929	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/23/1929	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/24/1929	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	10/23/1929	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	12/10/1929	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	12/11/1929	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	3/26/1930	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	10/13/1930	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	4/26/1931	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	5/23/1931	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/24/1931	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/7/1931	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	5/25/1932	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	1/7/1933	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	1/18/1933	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	1/26/1980	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/21/1980	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/5/1980	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	1/10/1981	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/16/1981	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	4/1/1981	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	4/3/1981	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	9/3/1981	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	9/28/1981	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/12/1983	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	1/10/1984	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/10/1984	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	10/18/1984	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	11/21/1984	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	11/22/1984	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	11/24/1984	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	1/31/1985	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/7/1985	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/9/1985	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/12/1985	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	5/30/1985	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	5/31/1985	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	6/19/1985	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	10/14/1985	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	10/18/1985	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	1/12/1986	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/15/1986	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/15/1986	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	4/25/1986	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	4/26/1986	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	4/28/1986	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	5/7/1986	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/30/1986	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	8/6/1986	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/17/1987	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	6/7/1988	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	6/8/1988	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	11/12/1988	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	11/22/1988	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	12/28/1988	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	4/18/1989	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	4/21/1989	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	4/23/1989	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	8/27/1989	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	11/18/1989	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	11/20/1989	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	9/3/1990	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	11/2/1990	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/6/1991	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	10/5/1991	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	11/4/1991	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	6/7/1992	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	10/8/1992	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	10/9/1992	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	10/16/1992	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	9/10/1993	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	5/10/1994	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/11/1994	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	5/12/1994	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/22/1994	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	8/16/1994	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/18/1995	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/21/1995	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	11/9/1995	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	1/22/1996	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	3/3/1996	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	9/4/1996	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/24/1998	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	9/15/1998	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	12/26/1998	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	12/6/1999	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	3/31/2000	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	4/5/2000	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	4/13/2000	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	4/14/2000	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/25/2000	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	8/11/2000	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	10/11/2000	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	12/9/2000	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	1/16/2001	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	11/8/2001	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	11/9/2001	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	1/5/2002	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	1/6/2002	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	1/9/2002	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/7/2002	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	3/20/2003	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	6/16/2003	15	15	1.62	31.38	9736	60.7323%	Zinc	220.00	µg/L	60.7	28.3	37.21042383	10.26669421

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/7/2003	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	12/18/2003	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/15/2004	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	12/1/2004	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	12/14/2004	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	1/27/2005	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/2/2005	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	5/2/2005	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	5/18/2005	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	6/4/2005	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	3/11/2006	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/24/2007	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/25/2007	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	9/27/2007	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	10/1/2007	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	10/3/2007	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	12/18/2007	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	9/5/2008	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/4/2009	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/24/2009	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/20/2009	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	9/4/2009	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/19/2010	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	8/17/2010	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	8/2/2011	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	6/19/2012	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/7/2012	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	2/23/2013	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/21/2013	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	5/14/2014	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	7/28/2014	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/4/2014	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	10/23/2014	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	12/8/2014	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	12/20/2014	15	15	1.62	31.38	9736	60.7323%	Zinc	--	µg/L	60.7	28.3	#VALUE!	10.26669421
5439000	11/16/1925	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/17/1926	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	3/30/1926	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	5/10/1926	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	8/5/1926	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	9/3/1926	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	9/4/1926	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	9/14/1926	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	12/30/1926	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	12/31/1926	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/1/1927	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/2/1927	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/10/1927	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/13/1927	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/18/1927	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	3/3/1928	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	5/26/1928	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	5/27/1928	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/17/1928	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	8/12/1928	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	6/9/1929	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	6/10/1929	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	12/18/1929	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	2/9/1931	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	4/14/1931	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	4/20/1931	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	5/25/1931	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/31/1931	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	6/17/1931	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/16/1931	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	5/23/1932	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	5/28/1932	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/9/1933	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	3/12/1933	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	6/13/1933	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	3/4/1980	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/3/1980	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/4/1980	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/12/1980	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/24/1980	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	11/25/1980	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	11/26/1980	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/11/1981	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/13/1981	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	4/9/1981	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/17/1981	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	9/7/1981	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	9/8/1981	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	12/24/1981	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	8/15/1982	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/10/1982	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	2/13/1983	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/29/1983	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	8/5/1983	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	9/18/1983	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/12/1984	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/2/1984	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/3/1984	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/4/1984	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	11/25/1984	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	2/3/1985	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	2/8/1985	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	2/13/1985	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	5/29/1985	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/16/1985	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	8/14/1985	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/9/1985	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/10/1985	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/14/1986	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	2/16/1986	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	4/24/1986	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	4/29/1986	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	5/10/1986	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/31/1986	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	9/24/1986	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/16/1987	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/17/1987	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/20/1987	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/31/1987	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	2/12/1987	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	2/21/1987	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/27/1987	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/17/1988	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	11/14/1988	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	11/23/1988	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	2/13/1989	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	4/19/1989	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	4/20/1989	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	4/30/1989	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/2/1989	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/14/1989	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/15/1989	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/16/1989	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/22/1989	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	11/23/1989	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	12/3/1989	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	9/4/1990	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/28/1990	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/7/1991	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	9/14/1991	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/29/1991	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	6/15/1992	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	6/18/1992	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/22/1992	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	8/4/1992	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/4/1992	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/5/1992	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/6/1992	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/10/1992	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	5/14/1994	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	5/15/1994	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	5/24/1994	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	8/22/1994	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/26/1995	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/23/1996	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/24/1996	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/25/1996	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	3/30/1996	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	3/31/1996	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	4/1/1996	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/2/1996	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	9/28/1996	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/6/1997	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/7/1997	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/9/1997	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	8/18/1997	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/12/1999	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/26/1999	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/12/2000	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/14/2000	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/5/2001	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	11/10/2001	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	11/15/2001	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	11/16/2001	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	12/31/2001	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/4/2002	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/7/2002	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/10/2002	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	8/25/2002	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	6/17/2003	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	6/18/2003	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	6/21/2003	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	12/17/2003	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	12/15/2004	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/3/2005	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	5/3/2005	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	5/29/2005	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	3/19/2006	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/22/2006	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/26/2006	14	14	1.62	29.76	9894	61.7179%	Zinc	150.00	µg/L	60.7	28.3	24.06318764	9.737569933
5439000	10/27/2006	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/7/2007	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	9/28/2007	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/2/2007	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	12/19/2007	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/4/2008	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/21/2009	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/28/2009	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	8/22/2009	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/3/2009	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/15/2009	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/20/2010	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	8/18/2010	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/17/2011	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	8/8/2011	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	8/10/2011	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	8/26/2011	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	12/21/2012	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	1/12/2013	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	11/7/2013	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	11/18/2013	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	7/29/2014	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	8/9/2014	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	8/24/2014	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/4/2014	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	10/26/2014	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	12/6/2014	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	12/21/2014	14	14	1.62	29.76	9894	61.7179%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.737569933
5439000	12/6/1925	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	12/8/1925	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	2/6/1926	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	3/17/1926	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/11/1926	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	5/13/1926	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/12/1926	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	9/11/1926	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	9/12/1926	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/8/1927	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/9/1927	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/12/1927	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/14/1927	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/27/1927	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/31/1927	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	11/1/1927	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	11/3/1927	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	11/4/1927	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	11/5/1927	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	12/20/1927	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	2/4/1928	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	2/5/1928	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	5/11/1928	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	5/12/1928	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	5/16/1928	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	6/17/1928	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/27/1928	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	8/7/1929	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	5/29/1930	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	6/14/1930	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	12/3/1930	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/30/1931	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	4/15/1931	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	4/16/1931	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	4/27/1931	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/12/1931	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	5/13/1931	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	5/19/1931	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	5/30/1931	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/1/1931	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	5/24/1932	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	6/13/1932	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	6/14/1932	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	6/20/1932	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	6/14/1933	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/20/1933	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/27/1980	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	3/13/1980	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/12/1981	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/14/1981	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	4/2/1981	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	4/5/1981	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	8/22/1981	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	9/4/1981	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	12/25/1981	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	12/26/1981	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/30/1983	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/11/1984	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/13/1984	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/16/1984	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/21/1984	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/27/1984	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	2/1/1985	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	2/2/1985	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	2/14/1985	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	2/20/1985	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/1/1985	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	6/20/1985	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	6/25/1985	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/13/1986	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	2/17/1986	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	4/22/1986	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	4/23/1986	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	4/27/1986	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	5/8/1986	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	5/9/1986	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	9/28/1986	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/21/1987	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	2/13/1987	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	2/22/1987	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/1/1987	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/15/1987	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	8/4/1987	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	6/9/1988	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	11/24/1988	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	11/25/1988	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	12/1/1988	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	2/4/1989	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	2/12/1989	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	2/14/1989	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	4/24/1989	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	4/25/1989	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	4/26/1989	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	6/28/1989	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	8/30/1989	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/14/1989	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/23/1989	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/19/1989	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	11/25/1989	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/3/1990	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/14/1990	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/15/1990	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	9/5/1990	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	9/8/1990	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/31/1990	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	11/1/1990	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/6/1991	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	6/8/1992	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	6/9/1992	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	6/14/1992	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	6/16/1992	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/3/1992	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/27/1992	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/28/1992	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/7/1992	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	5/13/1994	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/11/1994	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/19/1995	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/22/1995	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/23/1995	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/24/1995	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	12/18/1995	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/16/1996	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	2/8/1996	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	3/4/1996	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	4/3/1996	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	9/5/1996	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/31/1996	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/17/1997	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	12/27/1998	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/25/1999	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/26/2000	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/13/2000	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/15/2000	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/16/2000	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	11/6/2000	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/17/2001	13	13	1.62	28.14	10072	62.8283%	Zinc	150.00	µg/L	60.7	28.3	22.75563176	9.208445653
5439000	1/18/2001	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/19/2001	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	9/7/2001	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	11/11/2001	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/1/2002	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/3/2002	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/8/2002	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/13/2002	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/8/2002	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	8/15/2002	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	3/13/2003	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	3/18/2003	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	6/22/2003	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	6/26/2003	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/16/2004	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	5/30/2005	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	6/6/2005	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	4/2/2006	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/7/2006	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/28/2007	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/29/2007	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	2/9/2007	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/20/2007	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	9/30/2007	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/4/2007	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/17/2007	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	11/22/2007	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/5/2008	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/31/2008	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/27/2009	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	9/5/2009	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/16/2009	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/21/2010	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	8/19/2010	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/18/2011	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/31/2011	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	8/22/2011	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/1/2011	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	6/20/2012	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/20/2012	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/22/2013	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	7/23/2013	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	1/13/2014	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	2/24/2014	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	5/11/2014	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	8/29/2014	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/27/2014	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	10/28/2014	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	12/10/2014	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	12/15/2014	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	8/5/2015	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	8/11/2015	13	13	1.62	28.14	10072	62.8283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	9.208445653
5439000	12/9/1925	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/6/1926	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/11/1927	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/15/1927	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/16/1927	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/17/1927	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	11/6/1927	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	3/1/1928	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	3/2/1928	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	5/13/1928	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	5/14/1928	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	5/28/1928	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/18/1928	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	8/13/1928	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/19/1928	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/20/1928	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/22/1928	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/21/1929	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	8/2/1929	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	5/30/1930	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	5/31/1930	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	6/29/1930	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/16/1930	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/31/1931	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	4/28/1931	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	5/14/1931	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	5/15/1931	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	6/1/1931	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	5/29/1932	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/8/1933	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	3/10/1933	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	3/11/1933	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/15/1933	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/28/1980	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/29/1980	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	3/3/1980	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	3/7/1980	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/6/1980	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/7/1980	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	8/7/1980	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/15/1981	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/19/1981	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/20/1981	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	4/6/1981	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	4/8/1981	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	4/10/1981	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	4/11/1981	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/18/1981	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	9/9/1981	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	12/27/1981	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	8/16/1982	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/22/1982	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/31/1983	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	9/6/1983	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	11/1/1983	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/14/1984	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/15/1984	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/17/1984	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/19/1984	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/5/1984	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	2/15/1985	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	2/16/1985	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	2/17/1985	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/18/1985	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	6/2/1985	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	6/3/1985	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	6/5/1985	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	6/26/1985	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/17/1985	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	8/2/1985	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/15/1985	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	8/1/1986	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	9/25/1986	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/22/1987	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/23/1987	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/30/1987	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	2/18/1987	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	12/2/1988	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	12/29/1988	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	2/5/1989	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	2/15/1989	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	4/27/1989	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	5/5/1989	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/13/1989	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/18/1989	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/19/1989	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/25/1989	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/29/1989	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	11/14/1989	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	11/21/1989	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	11/24/1989	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	9/6/1990	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/9/1990	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/29/1990	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/30/1990	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	11/3/1990	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	6/10/1992	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	6/11/1992	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	6/12/1992	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	6/13/1992	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/5/1992	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/11/1992	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/12/1992	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/17/1992	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	5/16/1994	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	5/23/1994	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/23/1994	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	9/25/1994	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/12/1994	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/28/1995	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/27/1995	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	12/19/1995	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	3/12/1996	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	9/6/1996	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	9/9/1996	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	11/30/1996	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/25/1998	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	12/28/1998	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/13/1999	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/7/1999	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/27/2000	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	8/4/2000	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	9/14/2000	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	9/26/2000	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/17/2000	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/18/2000	12	12	1.62	26.53	10261	64.0072%	Zinc	490.00	µg/L	60.7	28.3	70.06371455	8.679321374
5439000	10/19/2000	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/20/2000	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/26/2000	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/27/2000	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	11/3/2000	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	11/4/2000	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	12/11/2000	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/14/2001	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/20/2001	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/6/2001	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/7/2001	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/12/2001	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/17/2001	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	11/13/2001	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/2/2002	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/11/2002	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/12/2002	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/14/2002	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	2/1/2002	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/9/2002	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	6/23/2003	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/16/2003	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/17/2004	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/18/2004	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	12/2/2004	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	5/4/2005	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	5/5/2005	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	5/6/2005	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	5/7/2005	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/2/2006	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/20/2006	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	3/21/2006	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	9/23/2006	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/17/2006	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/29/2006	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	11/10/2006	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	8/3/2007	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	9/29/2007	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/14/2007	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/15/2007	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/20/2007	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	12/3/2007	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/9/2008	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/28/2009	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/31/2009	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/29/2009	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	8/9/2009	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	9/6/2009	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/4/2009	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/17/2009	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/21/2009	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	8/20/2010	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	9/3/2010	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	11/30/2010	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	2/1/2011	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	2/12/2011	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/19/2011	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	8/13/2011	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/13/2011	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	11/4/2011	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	10/15/2012	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/3/2013	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	2/9/2013	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	2/24/2013	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	1/14/2014	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	6/5/2014	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	7/30/2014	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	9/6/2014	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	12/7/2014	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	12/11/2014	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	12/23/2014	12	12	1.62	26.53	10261	64.0072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.679321374
5439000	11/17/1925	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/7/1926	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	3/15/1926	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	3/16/1926	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	5/19/1926	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/13/1926	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	9/13/1926	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/28/1927	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/3/1927	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/4/1927	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	12/21/1927	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/28/1928	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/6/1928	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/28/1928	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/29/1928	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	5/29/1928	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/14/1928	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	9/16/1928	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/18/1928	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/28/1928	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/9/1929	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/10/1929	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/11/1929	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/12/1929	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/13/1929	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/14/1929	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/15/1929	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/16/1929	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/17/1929	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/22/1929	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/22/1929	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/29/1929	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/22/1929	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/1/1930	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/7/1930	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/31/1930	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/14/1930	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	12/4/1930	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/1/1931	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/4/1931	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	3/14/1931	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	3/15/1931	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	4/17/1931	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	4/18/1931	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	4/19/1931	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	5/11/1931	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	5/26/1931	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/18/1931	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/8/1931	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/17/1931	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	5/30/1932	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/5/1932	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/27/1932	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/9/1932	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/11/1932	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	9/14/1932	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/16/1933	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/21/1933	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/30/1980	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/10/1980	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/20/1980	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	3/8/1980	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	3/9/1980	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	3/14/1980	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/13/1980	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/25/1980	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/16/1981	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/17/1981	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/18/1981	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/21/1981	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/22/1981	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	4/7/1981	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/19/1981	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/28/1981	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/23/1981	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	12/28/1981	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/4/1982	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/17/1982	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	9/19/1983	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/24/1983	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/18/1984	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/20/1984	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/21/1984	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/6/1984	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/19/1985	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/4/1985	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/6/1985	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/9/1985	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/11/1985	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/18/1985	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/4/1985	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/11/1985	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/2/1986	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/24/1987	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/25/1987	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/26/1987	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/27/1987	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/2/1987	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/13/1987	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/10/1988	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/11/1988	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/12/1988	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/13/1988	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/11/1988	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	11/4/1988	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	11/11/1988	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	12/3/1988	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/6/1989	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/11/1989	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/27/1989	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	5/1/1989	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	5/2/1989	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	5/3/1989	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	5/4/1989	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/15/1989	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	5/16/1989	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/24/1989	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/30/1989	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	11/5/1989	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	11/7/1989	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	11/27/1989	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	11/28/1989	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	9/9/1990	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/22/1991	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	9/5/1991	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/19/1992	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/5/1992	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/21/1992	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	5/25/1994	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/22/1994	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/1/1994	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/17/1994	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/18/1994	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/26/1994	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/13/1994	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/25/1995	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/19/1995	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/7/1995	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	12/20/1995	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	12/21/1995	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/15/1996	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	3/5/1996	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	3/6/1996	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	3/13/1996	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	9/7/1996	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/10/1997	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/16/1997	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/8/1998	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	12/29/1998	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/20/1999	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/14/1999	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/8/1999	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/12/2000	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/21/2000	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/22/2000	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/24/2000	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/25/2000	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/28/2000	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	12/17/2000	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/21/2001	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/8/2001	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/18/2001	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	11/12/2001	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	11/17/2001	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	11/18/2001	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	11/19/2001	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	11/20/2001	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/15/2002	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/23/2002	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/24/2002	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/9/2002	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/10/2002	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/11/2002	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	3/12/2003	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	3/19/2003	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/24/2003	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/25/2003	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/27/2003	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/28/2003	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/29/2003	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/5/2003	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	12/19/2003	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/22/2004	11	11	1.62	24.91	10458	65.2361%	Zinc	93.00	µg/L	60.7	28.3	12.4871224	8.150197095
5439000	10/30/2004	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	12/16/2004	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	12/31/2004	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/4/2005	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	5/8/2005	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	5/9/2005	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	5/10/2005	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	5/31/2005	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/1/2005	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/7/2005	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	3/31/2006	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/11/2006	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/28/2006	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	1/30/2007	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/6/2007	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/8/2007	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/10/2007	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/11/2007	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/18/2007	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/19/2007	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/21/2007	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/22/2007	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/23/2007	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/5/2007	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/6/2007	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/7/2007	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/8/2007	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/9/2007	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/12/2007	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/6/2008	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/5/2009	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/30/2009	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	9/7/2009	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/18/2009	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/19/2009	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/20/2009	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/22/2010	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/21/2010	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/20/2011	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/1/2011	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/2/2011	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/24/2011	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	11/5/2011	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/21/2012	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/27/2013	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	2/28/2013	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	7/24/2013	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/23/2013	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	6/7/2014	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/10/2014	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	9/14/2014	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	10/29/2014	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	12/12/2014	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	12/24/2014	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	12/25/2014	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/26/2014	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	12/27/2014	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	12/28/2014	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	8/6/2015	11	11	1.62	24.91	10458	65.2361%	Zinc	--	µg/L	60.7	28.3	#VALUE!	8.150197095
5439000	12/5/1925	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	5/16/1926	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	5/20/1926	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	1/26/1927	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	11/11/1927	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	5/15/1928	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	6/18/1928	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	9/1/1928	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/19/1929	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/20/1929	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/21/1929	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/22/1929	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/23/1929	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/24/1929	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/25/1929	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/26/1929	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/27/1929	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	6/2/1930	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	6/6/1930	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	6/8/1930	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/5/1930	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/6/1930	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/7/1930	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/10/1930	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/11/1930	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/12/1930	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/8/1931	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/29/1931	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	6/2/1931	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	5/31/1932	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	6/1/1932	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	6/21/1932	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	10/27/1932	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	11/8/1932	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	6/17/1933	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	1/31/1980	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/8/1980	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/9/1980	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/11/1980	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/12/1980	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/13/1980	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/14/1980	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/15/1980	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/16/1980	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/19/1980	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	3/2/1980	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	3/10/1980	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	7/8/1980	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	7/18/1980	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	7/26/1980	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	7/27/1980	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	1/23/1981	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	1/25/1981	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	1/26/1981	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	1/27/1981	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	7/20/1981	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	8/24/1981	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	9/5/1981	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/29/1981	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	1/22/1984	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	7/20/1985	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	7/26/1985	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	9/21/1986	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	1/27/1987	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	1/28/1987	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	1/29/1987	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/16/1987	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/19/1987	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/20/1987	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	7/3/1987	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	6/14/1988	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/27/1988	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/7/1989	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/16/1989	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/20/1989	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/21/1989	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/22/1989	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/26/1989	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	5/18/1989	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	6/29/1989	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	10/31/1989	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	11/26/1989	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/5/1989	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	7/8/1991	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	7/12/1992	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	7/15/1992	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	10/22/1992	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	5/17/1994	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	5/26/1994	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/23/1994	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	7/27/1995	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/22/1995	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	1/12/1996	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	1/13/1996	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	3/7/1996	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	10/6/1998	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/30/1998	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/7/1999	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	7/28/2000	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	8/13/2000	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	8/18/2000	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	9/27/2000	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	10/23/2000	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	11/2/2000	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/12/2000	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/16/2000	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	1/11/2001	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	1/12/2001	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	1/13/2001	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	7/9/2001	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	10/5/2001	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	11/21/2001	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	11/23/2001	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	1/25/2002	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/2/2002	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/8/2002	10	10	1.62	23.29	10700	66.7457%	Zinc	130.00	µg/L	60.7	28.3	16.32190224	7.621072816
5439000	12/17/2004	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	6/2/2005	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	6/3/2005	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	6/8/2005	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/31/2006	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	3/22/2006	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	3/28/2006	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	7/8/2006	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	11/28/2006	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	10/10/2007	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	10/13/2007	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/4/2007	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	7/31/2009	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	9/8/2009	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	10/9/2009	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	10/10/2009	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/2/2011	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/11/2011	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	8/4/2011	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	8/11/2011	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	8/14/2011	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	8/27/2011	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	10/14/2011	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	11/6/2011	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	11/7/2011	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	6/22/2012	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	9/17/2012	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	10/23/2012	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	2/5/2013	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	3/9/2013	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	8/24/2013	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	1/12/2014	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	6/6/2014	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	7/31/2014	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	12/29/2014	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/30/2014	10	10	1.62	23.29	10700	66.7457%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.621072816
5439000	8/7/1926	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	8/29/1926	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	7/13/1930	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	10/15/1930	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	2/1/1980	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	1/3/1982	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	5/6/1989	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	5/13/1989	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	7/15/1989	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	10/26/1989	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	11/4/1989	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	11/22/1989	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	7/6/1992	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	7/11/1997	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	12/31/1998	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	10/29/2000	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	1/22/2001	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	9/25/2001	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	11/19/2004	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	6/9/2005	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	10/11/2007	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	9/5/2012	9.9	9.9	1.62	23.13	10852	67.6938%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.568160388
5439000	7/5/1927	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	7/8/1927	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	7/9/1927	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	5/10/1931	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	5/16/1931	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	5/27/1931	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	7/9/1931	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	7/10/1932	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/18/1980	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	8/26/1981	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	1/5/1982	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	8/1/1983	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	6/7/1985	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	6/8/1985	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	2/19/1989	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	2/28/1989	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	5/10/1989	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	10/13/1992	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	10/18/1992	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	10/14/1994	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	10/15/1994	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	1/11/1996	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	1/14/1996	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	7/29/2000	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	7/30/2000	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	12/15/2000	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	7/19/2004	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	10/26/2010	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	8/7/2011	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	10/5/2014	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	8/7/2015	9.8	9.8	1.62	22.97	10874	67.8311%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.51524796
5439000	11/7/1927	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	11/9/1927	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	11/12/1927	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	11/13/1927	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	8/15/1928	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	2/2/1980	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	5/14/1989	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	11/5/1991	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/18/1994	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	5/21/1994	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	4/4/2003	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	12/3/2004	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	12/5/2004	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	11/13/2006	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	7/8/2007	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	10/27/2007	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	10/5/2009	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	7/21/2011	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	10/3/2011	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	7/8/2012	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	7/26/2013	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	8/30/2014	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	12/14/2014	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	12/31/2014	9.7	9.7	1.62	22.81	10905	68.0245%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.462335532
5439000	2/7/1980	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	7/14/1980	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	7/19/1985	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	7/30/1987	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	12/6/1988	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	2/8/1989	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	10/19/1992	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	7/24/1994	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	3/14/1996	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	9/10/1996	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	1/16/1999	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	1/17/1999	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	1/18/1999	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	1/19/1999	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	10/31/2000	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/14/2000	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	12/18/2000	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	1/23/2001	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	1/24/2001	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	1/21/2002	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	1/26/2002	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	2/3/2002	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	12/28/2003	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	9/18/2006	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	10/21/2007	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	9/9/2009	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	6/23/2012	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	8/25/2014	9.6	9.6	1.62	22.64	10929	68.1742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.409423104
5439000	11/18/1925	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	12/11/1925	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/23/1926	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	2/8/1926	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	4/3/1926	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	5/12/1926	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	5/14/1926	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	5/21/1926	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	5/22/1926	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	9/30/1930	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	12/13/1930	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	4/30/1931	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	6/2/1932	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	6/3/1932	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	2/3/1980	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	8/8/1980	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/24/1981	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	2/1/1981	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/26/1981	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/23/1984	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/26/1984	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	8/18/1984	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	10/22/1984	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	9/15/1991	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	10/20/1992	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	5/20/1994	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	5/22/1994	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/1/1996	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	2/20/1996	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	3/8/1996	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	4/12/1996	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/1/1999	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/8/1999	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/9/1999	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/10/1999	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/11/1999	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/12/1999	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/13/1999	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/14/1999	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/15/1999	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	7/15/1999	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	7/17/1999	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	10/30/2000	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	12/13/2000	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/8/2001	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	11/22/2001	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/22/2002	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/31/2002	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	10/30/2006	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/12/2006	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	8/1/2008	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	8/23/2009	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	8/22/2010	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	2/6/2011	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	8/13/2014	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/1/2015	9.5	9.5	1.62	22.48	10957	68.3488%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.356510676
5439000	1/24/1927	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	1/25/1927	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	9/30/1927	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	7/23/1929	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	8/8/1929	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	2/17/1980	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	9/10/1981	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	12/31/1981	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	1/2/1982	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	10/23/1982	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	8/2/1983	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	1/25/1984	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	7/12/1984	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	2/17/1989	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	2/18/1989	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	9/10/1990	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	10/14/1992	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	10/16/1994	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	12/31/1995	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	4/13/1996	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	4/14/1996	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	11/1/2000	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	1/7/2001	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	7/25/2013	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/8/2013	9.4	9.4	1.62	22.32	11013	68.6981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.303598248
5439000	1/24/1984	9.3	9.3	1.62	22.16	11038	68.8541%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.250685821
5439000	7/21/1985	9.3	9.3	1.62	22.16	11038	68.8541%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.250685821
5439000	8/8/1987	9.3	9.3	1.62	22.16	11038	68.8541%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.250685821
5439000	12/4/1988	9.3	9.3	1.62	22.16	11038	68.8541%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.250685821
5439000	6/20/1992	9.3	9.3	1.62	22.16	11038	68.8541%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.250685821
5439000	10/24/1992	9.3	9.3	1.62	22.16	11038	68.8541%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.250685821
5439000	8/2/1994	9.3	9.3	1.62	22.16	11038	68.8541%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.250685821
5439000	10/24/1995	9.3	9.3	1.62	22.16	11038	68.8541%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.250685821
5439000	12/23/1995	9.3	9.3	1.62	22.16	11038	68.8541%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.250685821
5439000	7/26/1998	9.3	9.3	1.62	22.16	11038	68.8541%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.250685821
5439000	1/9/2001	9.3	9.3	1.62	22.16	11038	68.8541%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.250685821
5439000	8/1/2009	9.3	9.3	1.62	22.16	11038	68.8541%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.250685821
5439000	8/10/2009	9.3	9.3	1.62	22.16	11038	68.8541%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.250685821
5439000	10/11/2009	9.3	9.3	1.62	22.16	11038	68.8541%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.250685821
5439000	7/20/2012	9.3	9.3	1.62	22.16	11038	68.8541%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.250685821
5439000	3/1/2013	9.3	9.3	1.62	22.16	11038	68.8541%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.250685821
5439000	6/30/1930	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	9/2/1930	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	2/2/1931	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	2/6/1931	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	2/7/1931	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	3/13/1931	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	5/1/1931	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	5/8/1931	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	5/9/1931	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	6/19/1931	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	2/4/1980	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	2/6/1980	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	1/27/1984	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	8/14/1986	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/5/1987	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	6/15/1988	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	2/9/1989	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	10/27/1989	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	10/7/1991	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	7/13/1992	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	7/29/1992	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	2/21/1996	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	4/4/1996	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	7/19/1999	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	1/27/2002	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	4/5/2003	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	6/10/2005	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	8/7/2008	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	1/29/2009	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	2/3/2009	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	8/2/2009	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	10/6/2009	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	9/1/2013	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	8/3/2014	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	11/5/2014	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	12/13/2014	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	1/2/2015	9.2	9.2	1.62	22.00	11054	68.9539%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.197773393
5439000	7/14/1926	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	8/30/1926	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	9/1/1926	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	11/23/1979	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	7/28/1980	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	1/30/1981	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	1/31/1981	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	7/21/1981	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/5/1981	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	11/2/1983	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	11/9/1988	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	10/28/1989	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	11/2/1989	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	10/25/1992	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	5/19/1994	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	12/27/1995	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	12/30/1995	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	12/1/1996	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	1/7/1999	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	8/14/2000	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	1/10/2001	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	1/25/2001	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	1/28/2002	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	7/21/2003	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	12/4/2004	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	1/31/2007	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	2/1/2007	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	2/2/2007	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	2/12/2007	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	2/14/2007	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	2/16/2007	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	2/17/2007	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	9/4/2010	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	10/15/2011	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	10/16/2011	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	1/15/2014	9.1	9.1	1.62	21.84	11091	69.1847%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.144860965
5439000	7/6/1927	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	12/22/1927	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	12/27/1927	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/29/1928	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	2/26/1928	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	2/27/1928	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	2/21/1929	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	1/16/1933	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	1/17/1933	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	7/22/1933	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	2/5/1980	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	7/19/1980	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	1/28/1981	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	2/2/1981	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	2/3/1981	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	7/27/1981	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	12/30/1981	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	1/1/1982	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	8/18/1982	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	9/17/1982	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	8/6/1983	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	2/11/1984	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	2/23/1989	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	5/9/1989	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	7/3/1989	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	11/7/1991	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	7/4/1992	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	12/28/1995	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	12/29/1995	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	1/10/1996	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	1/27/1996	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	1/2/1999	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	7/27/1999	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	12/19/2000	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/20/2000	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	1/4/2001	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	1/5/2001	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	1/6/2001	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	1/27/2001	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	1/16/2002	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	2/4/2002	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	7/20/2004	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	9/6/2006	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	2/5/2011	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	2/7/2011	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	2/25/2013	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	2/26/2013	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	6/9/2014	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	6/10/2014	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	11/11/2014	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	1/3/2015	9	9	1.62	21.67	11127	69.4093%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.091948537
5439000	11/8/1927	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	11/10/1927	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	5/30/1928	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	8/7/1986	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	5/7/1989	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	6/30/1989	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	11/8/1989	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	11/9/1989	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	12/6/1989	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	10/23/1992	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	5/27/1994	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	10/17/1994	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	1/2/1996	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	1/28/1996	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/19/1996	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	10/14/1999	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	12/21/2000	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	7/10/2001	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	9/9/2001	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	2/7/2002	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	7/12/2002	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	4/17/2003	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	6/30/2003	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	10/22/2007	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	10/30/2014	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	11/4/2014	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	1/4/2015	8.9	8.9	1.62	21.51	11178	69.7274%	Zinc	--	µg/L	60.7	28.3	#VALUE!	7.039036109
5439000	6/3/1930	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	12/8/1930	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	10/25/1931	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	10/26/1932	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	7/15/1980	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	12/7/1988	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	2/10/1989	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	12/7/1989	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	9/11/1990	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	5/28/1994	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	2/7/1996	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	3/9/1996	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	10/27/1997	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	12/22/2000	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	12/23/2000	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	1/20/2002	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	1/29/2002	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	1/30/2002	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/23/2007	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	11/23/2007	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	10/12/2009	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	1/5/2015	8.8	8.8	1.62	21.35	11205	69.8958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.986123681
5439000	11/13/1925	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	12/10/1925	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	12/12/1925	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	5/15/1926	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	5/18/1926	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	5/23/1926	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	5/2/1931	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	5/6/1931	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	5/18/1931	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	5/29/1931	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	6/18/1933	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	8/6/1985	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	8/15/1985	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	10/16/1985	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	5/8/1989	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	11/10/1989	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	7/7/1992	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	1/26/1996	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	2/22/1996	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	12/24/2000	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	1/3/2001	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	1/28/2001	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	9/10/2009	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	2/8/2011	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	10/4/2011	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	1/6/2015	8.7	8.7	1.62	21.19	11227	70.0331%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.933211253
5439000	12/29/1926	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/12/1927	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	7/24/1929	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	7/30/1929	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	7/10/1931	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	1/29/1981	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	7/22/1981	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	8/2/1981	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	8/27/1981	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	9/6/1981	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	12/5/1988	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	7/1/1989	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	8/6/1992	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	10/21/1994	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	1/29/1996	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	11/26/1996	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	10/9/1999	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	12/28/2000	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	12/29/2000	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	12/30/2000	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	12/31/2000	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	1/1/2001	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	1/2/2001	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	1/17/2002	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	12/22/2003	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	1/1/2005	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	3/24/2006	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	10/26/2007	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	6/24/2012	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	7/1/2012	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	10/22/2012	8.6	8.6	1.62	21.03	11253	70.1952%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.880298825
5439000	3/6/1928	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/6/1928	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	7/9/1930	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	12/9/1930	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	2/5/1931	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	2/4/1981	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	8/19/1982	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	2/23/1987	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	12/30/1988	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	5/12/1989	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	9/22/1990	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	5/29/1994	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	10/22/1994	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	10/23/1994	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	12/8/1999	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	1/26/2001	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	10/14/2003	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	7/9/2006	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	8/4/2007	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	2/3/2011	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	2/4/2011	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	2/9/2011	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	2/10/2011	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	1/7/2015	8.5	8.5	1.62	20.87	11284	70.3886%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.827386397
5439000	5/3/1931	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	5/28/1931	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	6/3/1931	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	11/24/1979	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	7/20/1980	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	1/6/1982	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	7/7/1984	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	9/22/1986	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/6/1991	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	10/26/1992	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	10/27/1992	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	10/18/1994	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	12/24/1995	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	1/3/1996	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	1/9/1996	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	9/11/1996	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	10/3/1998	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	9/28/2000	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	2/5/2002	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	8/16/2002	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	4/7/2003	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	1/11/2005	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	8/3/2009	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	10/6/2011	8.4	8.4	1.62	20.70	11308	70.5383%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.774473969
5439000	7/15/1926	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	8/8/1926	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	8/31/1926	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	9/2/1926	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	8/25/1981	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	1/28/1984	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	6/17/1988	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	12/1/1989	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	1/2/1990	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	9/26/1994	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	10/20/1994	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	12/26/1995	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	4/5/1996	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	10/23/1996	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	7/27/1998	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/3/1999	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	10/15/1999	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	12/25/2000	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	12/27/2000	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	3/23/2006	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	10/1/2009	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	3/2/2013	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	11/19/2013	8.3	8.3	1.62	20.54	11332	70.6880%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.721561541
5439000	1/19/1927	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	7/11/1927	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	6/9/1930	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	1/25/1931	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	7/12/1932	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	8/6/1981	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	5/17/1989	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	6/24/1992	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	10/28/1992	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	10/19/1994	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	7/16/1999	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	8/25/1999	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	10/21/2001	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	1/18/2002	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	7/6/2003	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	12/23/2003	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	11/4/2004	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	6/11/2005	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	4/1/2006	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	9/22/2009	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	10/13/2009	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	3/3/2013	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	1/8/2015	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/8/2015	8.2	8.2	1.62	20.38	11355	70.8315%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.668649113
5439000	6/1/1928	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	8/16/1928	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	8/17/1928	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	8/18/1928	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	10/29/1928	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	5/4/1931	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	10/18/1931	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	11/11/1931	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	8/3/1983	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	9/22/1983	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	7/4/1987	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	11/6/1989	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	6/25/1992	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	10/29/1992	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	10/24/1994	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	10/29/1994	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	2/23/1996	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	4/11/1996	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	12/26/2000	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	9/22/2001	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	10/19/2001	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	1/19/2002	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	2/6/2002	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	12/18/2002	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	9/8/2008	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	9/18/2012	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	10/31/2014	8.1	8.1	1.62	20.22	11379	70.9812%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.615736686
5439000	2/5/1981	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	2/15/1981	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	7/25/1981	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/9/1983	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	7/8/1984	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	6/12/1985	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	8/3/1986	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	1/9/1989	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	2/24/1989	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	2/25/1989	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	3/1/1989	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	5/11/1989	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	12/4/1989	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	10/4/1991	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	7/14/1992	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	10/31/1992	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	5/30/1994	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	7/25/1994	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	7/29/1995	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	12/25/1995	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	1/4/1996	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	1/8/1996	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	7/18/1997	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	7/28/1998	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	10/7/1998	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	1/6/1999	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	11/11/1999	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	4/8/2003	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	7/23/2003	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	12/18/2004	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	11/28/2005	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	10/7/2009	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	10/23/2010	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	2/4/2013	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/1/2014	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	11/6/2014	8	8	1.62	20.06	11406	71.1496%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.562824258
5439000	12/4/1925	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	1/9/1926	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	4/1/1926	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	5/17/1926	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	5/30/1926	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	6/4/1932	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	6/22/1932	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	7/23/1981	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	8/3/1985	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	12/23/1988	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	11/8/1991	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	6/21/1992	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	9/12/1996	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	7/12/1997	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	7/17/2003	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	1/7/2005	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	1/28/2006	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	7/10/2006	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	10/2/2006	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	10/24/2007	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	12/30/2010	7.9	7.9	1.62	19.90	11442	71.3742%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.50991183
5439000	8/11/1929	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	7/1/1930	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	12/14/1930	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	2/3/1931	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	5/7/1931	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	5/17/1931	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	10/27/1931	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	2/6/1981	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/29/1981	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	8/9/1987	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	11/30/1989	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	6/23/1992	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	8/8/1992	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	3/10/1996	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	3/11/1996	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	11/6/1997	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	3/25/2006	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	7/12/2006	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	11/14/2006	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	11/29/2007	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	10/14/2009	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	3/8/2013	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	8/26/2014	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	9/7/2014	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	11/7/2014	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	1/9/2015	7.8	7.8	1.62	19.73	11463	71.5052%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.456999402
5439000	10/1/1927	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	9/11/1981	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	2/18/1982	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	8/20/1982	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	10/29/1982	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	9/13/1984	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	8/8/1986	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	6/16/1988	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	7/4/1989	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	9/12/1990	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	10/26/1994	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	1/5/1996	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	1/6/1996	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/7/1996	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	10/10/1999	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	12/9/1999	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	12/15/1999	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	3/25/2003	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	11/19/2003	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	12/29/2003	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	7/23/2004	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	6/12/2005	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	8/11/2009	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	10/17/2011	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	11/9/2014	7.7	7.7	1.62	19.57	11489	71.6674%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.404086974
5439000	6/10/1930	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	5/5/1931	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	10/26/1931	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	10/28/1931	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	11/25/1979	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	2/7/1981	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	7/22/1985	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	8/4/1985	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	7/6/1987	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	7/11/1987	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	6/18/1988	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	7/16/1989	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	8/24/1994	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	10/30/1994	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	2/26/1996	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	9/13/1996	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	12/2/1996	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	7/13/2002	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	12/10/2007	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/11/2009	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	10/5/2011	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	10/20/2011	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	8/14/2014	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	11/3/2014	7.6	7.6	1.62	19.41	11514	71.8233%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.351174546
5439000	12/13/1925	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	2/9/1926	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	8/12/1926	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	2/8/1981	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	2/14/1981	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	8/6/1987	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	11/1/1989	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	11/11/1989	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	7/8/1992	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	10/30/1992	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	6/8/1994	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	2/16/1996	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	2/18/1996	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	9/29/1996	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	9/16/1998	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	1/4/1999	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	8/19/2000	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	9/13/2000	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	12/21/2003	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	1/5/2005	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	6/13/2005	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	11/24/2007	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	12/1/2007	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	8/4/2009	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	8/24/2009	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	8/5/2011	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/28/2011	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	1/13/2013	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	7/27/2013	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	1/11/2014	7.5	7.5	1.62	19.25	11538	71.9731%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.298262118
5439000	1/23/1927	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	7/10/1927	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	7/17/1927	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	1/15/1933	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	7/23/1933	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	10/2/1979	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	7/29/1980	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	2/9/1981	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	8/3/1981	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	10/20/1983	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	10/25/1983	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	11/3/1983	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	11/4/1983	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	11/19/1983	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	7/9/1984	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	8/10/1985	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	12/14/1988	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	3/3/1989	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	7/23/1991	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	8/12/1991	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	10/8/1991	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	6/9/1994	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	6/13/1994	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	7/18/1999	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	10/11/1999	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	10/16/1999	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	12/10/1999	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/11/2001	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	3/21/2003	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	8/12/2005	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	11/25/2007	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	11/26/2007	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	8/23/2010	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	8/12/2011	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	9/8/2014	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	11/12/2014	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	1/10/2015	7.4	7.4	1.62	19.09	11568	72.1602%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.24534969
5439000	10/21/1928	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	10/30/1928	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	7/11/1931	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	11/12/1931	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	2/19/1982	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	10/24/1982	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	1/29/1984	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	2/3/1984	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	3/2/1989	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	7/9/1991	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	5/31/1994	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	10/25/1994	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	2/24/1996	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	3/15/1996	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	4/6/1996	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	11/7/1996	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	8/9/1998	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	8/15/2000	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	260.00	µg/L	60.7	28.3	26.52444297	6.192437262
5439000	10/20/2001	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	4/9/2003	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	7/1/2003	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/9/2003	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	1/6/2005	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	3/29/2006	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	2/3/2007	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	2/4/2007	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	2/7/2007	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	2/13/2007	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	2/15/2007	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	10/25/2007	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	8/2/2008	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	10/27/2010	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	10/25/2011	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	11/17/2014	7.3	7.3	1.62	18.93	11605	72.3910%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.192437262
5439000	11/19/1925	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	4/2/1926	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	5/24/1926	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	5/25/1926	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	5/26/1926	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	5/27/1926	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	5/31/1926	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	6/1/1926	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	7/2/1930	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	9/3/1930	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	10/22/1930	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	2/10/1931	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	6/28/1932	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	7/3/1932	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	12/22/1932	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	2/10/1981	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	2/2/1984	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	2/4/1984	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/5/1987	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	12/22/1988	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	11/12/1989	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	11/13/1989	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	10/3/2000	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	8/2/2003	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	6/14/2005	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	9/22/2006	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	10/31/2006	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	11/27/2007	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	11/9/2013	7.2	7.2	1.62	18.76	11639	72.6031%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.139524834
5439000	11/15/1979	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	8/9/1981	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	8/10/1981	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	10/23/1984	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	8/4/1986	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	8/9/1986	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	8/7/1987	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	10/23/1988	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	8/11/1991	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	8/13/1991	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	6/26/1992	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	8/7/1992	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	8/4/1994	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	4/7/1996	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	4/8/1996	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	9/14/1996	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	12/4/1996	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	10/1/2000	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	9/12/2006	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	11/30/2007	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/21/2011	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	10/21/2012	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	7/28/2013	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	11/2/2014	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	11/8/2014	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	11/22/2014	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	1/11/2015	7.1	7.1	1.62	18.60	11668	72.7840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.086612406
5439000	7/15/1927	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	7/16/1927	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	12/23/1927	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	12/24/1927	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	12/25/1927	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	12/26/1927	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	1/30/1928	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	1/31/1928	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	2/1/1928	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	6/20/1931	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	2/11/1981	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	2/12/1981	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	2/13/1981	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	7/24/1981	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	9/12/1981	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	1/7/1982	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	2/10/1984	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	8/5/1985	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	8/26/1986	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	12/8/1988	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	12/2/1989	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	8/20/1995	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	4/9/1996	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	11/1/1996	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/28/1999	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	7/4/2003	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	10/28/2007	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	12/5/2007	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	10/8/2009	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	9/5/2010	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	2/25/2014	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	9/15/2014	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	1/12/2015	7	7	1.62	18.44	11695	72.9524%	Zinc	--	µg/L	60.7	28.3	#VALUE!	6.033699978
5439000	7/16/1926	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	8/9/1926	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	8/10/1926	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	8/13/1926	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	3/7/1928	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	6/2/1928	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	9/2/1928	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	9/4/1928	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	10/31/1928	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	11/2/1928	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	2/18/1929	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	2/19/1929	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	2/20/1929	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	6/4/1930	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	6/5/1930	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	6/11/1930	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	6/12/1930	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	6/13/1930	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	6/15/1930	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	6/16/1930	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	6/26/1932	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	10/28/1932	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/11/1982	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	2/1/1984	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	9/12/1986	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	7/7/1987	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	6/19/1988	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	7/26/1994	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	10/27/1994	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	10/31/1995	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	12/3/1996	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	7/29/1998	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	12/16/1999	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	8/6/2002	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	8/26/2002	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	4/10/2003	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	7/3/2003	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	7/13/2006	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	10/12/2011	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	6/25/2012	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	1/16/2014	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	1/13/2015	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	1/14/2015	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	1/15/2015	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	8/9/2015	6.9	6.9	1.62	18.28	11728	73.1583%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.980787551
5439000	6/4/1931	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	1/14/1933	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	6/19/1933	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	7/24/1933	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	1/30/1984	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	2/5/1984	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	6/13/1985	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	6/14/1985	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/20/1988	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	12/24/1988	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	12/31/1988	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	11/3/1989	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	10/3/1990	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	6/1/1994	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	6/7/1994	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	11/17/1996	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	7/2/2003	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	7/4/2005	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	7/14/2006	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	8/15/2011	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	10/18/2011	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	1/27/2013	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	7/30/2013	6.8	6.8	1.62	18.12	11773	73.4390%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.927875123
5439000	8/15/1986	6.7	6.7	1.62	17.95	11796	73.5824%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.874962695
5439000	2/26/1987	6.7	6.7	1.62	17.95	11796	73.5824%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.874962695
5439000	7/9/1992	6.7	6.7	1.62	17.95	11796	73.5824%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.874962695
5439000	9/27/1994	6.7	6.7	1.62	17.95	11796	73.5824%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.874962695
5439000	8/29/1998	6.7	6.7	1.62	17.95	11796	73.5824%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.874962695
5439000	10/12/1999	6.7	6.7	1.62	17.95	11796	73.5824%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.874962695
5439000	9/29/2000	6.7	6.7	1.62	17.95	11796	73.5824%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.874962695
5439000	10/2/2002	6.7	6.7	1.62	17.95	11796	73.5824%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.874962695
5439000	6/15/2005	6.7	6.7	1.62	17.95	11796	73.5824%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.874962695
5439000	11/6/2007	6.7	6.7	1.62	17.95	11796	73.5824%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.874962695
5439000	11/11/2007	6.7	6.7	1.62	17.95	11796	73.5824%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.874962695
5439000	9/12/2009	6.7	6.7	1.62	17.95	11796	73.5824%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.874962695
5439000	7/18/2012	6.7	6.7	1.62	17.95	11796	73.5824%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.874962695
5439000	11/10/2014	6.7	6.7	1.62	17.95	11796	73.5824%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.874962695
5439000	1/4/1926	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	2/10/1926	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	5/31/1928	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	6/3/1928	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	6/5/1928	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	6/7/1928	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	6/13/1928	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	8/19/1928	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	8/21/1928	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	11/1/1928	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	6/17/1930	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	7/10/1930	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	7/14/1930	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	11/10/1932	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	8/7/1983	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	1/31/1984	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	8/24/1985	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	10/8/1985	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	8/5/1986	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	10/2/1988	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	9/13/1990	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	6/22/1992	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	6/2/1994	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	6/12/1994	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	2/25/1996	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	3/22/1996	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	4/10/1996	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	7/13/1997	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	7/14/1997	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	7/15/1997	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	8/26/1998	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	1/5/1999	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	12/12/1999	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/2/2001	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	4/16/2003	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	12/19/2004	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	10/31/2007	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	11/9/2007	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	11/15/2007	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	11/28/2007	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	8/5/2009	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	10/24/2010	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	7/24/2012	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	7/31/2012	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	8/5/2012	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	11/12/2012	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	3/7/2013	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	11/2/2013	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	1/16/2015	6.6	6.6	1.62	17.79	11810	73.6698%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.822050267
5439000	1/10/1933	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	10/21/1983	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	2/6/1984	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	7/13/1984	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	6/10/1985	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	7/5/1989	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	6/3/1994	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	6/5/1994	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	9/23/1994	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	10/20/1995	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	2/17/1996	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	7/20/1999	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	12/11/1999	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	3/28/2003	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	3/26/2006	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/1/2007	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	11/5/2007	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	11/20/2007	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	9/9/2008	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	8/24/2010	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	12/12/2010	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	12/27/2010	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	10/8/2011	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	10/19/2011	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	3/4/2013	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	3/6/2013	6.5	6.5	1.62	17.63	11859	73.9754%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.769137839
5439000	10/19/1931	6.4	6.4	1.62	17.47	11885	74.1376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.716225411
5439000	10/29/1931	6.4	6.4	1.62	17.47	11885	74.1376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.716225411
5439000	2/7/1984	6.4	6.4	1.62	17.47	11885	74.1376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.716225411
5439000	2/9/1984	6.4	6.4	1.62	17.47	11885	74.1376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.716225411
5439000	8/4/1984	6.4	6.4	1.62	17.47	11885	74.1376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.716225411
5439000	8/7/1985	6.4	6.4	1.62	17.47	11885	74.1376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.716225411
5439000	6/21/1988	6.4	6.4	1.62	17.47	11885	74.1376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.716225411
5439000	9/15/1990	6.4	6.4	1.62	17.47	11885	74.1376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.716225411
5439000	6/4/1994	6.4	6.4	1.62	17.47	11885	74.1376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.716225411
5439000	6/6/1994	6.4	6.4	1.62	17.47	11885	74.1376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.716225411
5439000	9/28/1994	6.4	6.4	1.62	17.47	11885	74.1376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.716225411
5439000	9/15/1996	6.4	6.4	1.62	17.47	11885	74.1376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.716225411
5439000	12/24/2003	6.4	6.4	1.62	17.47	11885	74.1376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.716225411
5439000	11/15/2006	6.4	6.4	1.62	17.47	11885	74.1376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.716225411
5439000	12/6/2007	6.4	6.4	1.62	17.47	11885	74.1376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.716225411
5439000	11/2/2011	6.4	6.4	1.62	17.47	11885	74.1376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.716225411
5439000	1/17/2015	6.4	6.4	1.62	17.47	11885	74.1376%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.716225411
5439000	7/17/1926	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	7/22/1926	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	7/23/1926	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/30/1926	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	8/11/1926	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	6/4/1928	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	6/8/1928	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	7/25/1929	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	7/31/1929	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	8/10/1929	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	6/21/1931	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	10/25/1932	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	10/3/1979	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	10/22/1979	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	8/7/1981	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	2/8/1984	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	10/17/1984	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	2/25/1987	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	7/26/1987	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	1/1/1990	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	9/23/1990	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	10/25/1991	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	6/27/1992	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	10/28/1994	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	8/3/1995	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	3/16/1996	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	9/30/1996	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	7/21/1997	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	10/13/1999	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	12/14/1999	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	9/16/2000	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	7/12/2001	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	7/14/2002	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	4/6/2003	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/18/2003	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	1/8/2005	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	1/10/2005	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	2/1/2006	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	3/30/2006	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	9/13/2006	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	52.00	µg/L	60.7	28.3	4.851602556	5.663312983
5439000	11/12/2007	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	8/8/2008	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	2/2/2009	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	11/23/2010	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	10/26/2011	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	6/29/2012	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	3/5/2013	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	8/15/2014	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	1/18/2015	6.3	6.3	1.62	17.31	11902	74.2437%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.663312983
5439000	7/3/1930	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	7/12/1931	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	8/21/1982	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	10/25/1982	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	11/5/1983	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	11/11/1983	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	8/10/1986	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	8/16/1986	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	7/8/1987	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	7/12/1987	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	9/14/1990	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	9/16/1990	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	9/16/1991	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	1/30/1996	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	7/25/1997	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	11/2/2003	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/21/2006	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	10/30/2007	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	11/22/2010	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	12/1/2010	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	7/29/2013	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	8/27/2014	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	1/19/2015	6.2	6.2	1.62	17.15	11951	74.5493%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.610400555
5439000	9/13/1981	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	9/14/1981	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	9/23/1984	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	7/23/1985	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	11/29/1989	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	7/10/1991	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	11/14/1991	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	8/9/1992	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	10/28/1995	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	10/17/1996	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	10/23/1999	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	9/26/2001	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	4/15/2003	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	8/18/2005	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	3/27/2006	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	11/4/2007	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	8/12/2009	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	9/21/2009	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	6/26/2012	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	11/20/2013	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	10/6/2014	6.1	6.1	1.62	16.98	11974	74.6928%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.557488127
5439000	5/28/1926	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	6/2/1926	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	7/18/1927	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/20/1928	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	8/22/1928	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	8/23/1928	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	8/24/1928	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	10/30/1931	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	1/11/1933	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	1/12/1933	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	1/13/1933	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	6/20/1933	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	10/21/1979	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	9/18/1981	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	2/17/1982	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	11/10/1983	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	11/15/1983	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	8/16/1985	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	7/28/1987	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	10/1/1988	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	12/20/1988	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	9/12/1991	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	10/3/1991	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	6/10/1994	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	6/11/1994	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	7/27/1994	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	8/27/1994	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	10/7/1994	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	3/17/1996	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	3/23/1996	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	9/16/1996	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	9/17/1996	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	9/20/1996	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	11/5/1996	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/6/1996	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	10/26/1997	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	10/2/1998	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	10/19/1999	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	12/13/1999	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	1/10/2000	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	2/21/2000	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	9/30/2000	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	7/13/2001	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	12/30/2003	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	11/2/2007	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	11/10/2007	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	12/7/2007	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	8/25/2009	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	9/6/2010	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	7/2/2012	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	7/31/2013	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	1/20/2015	6	6	1.62	16.82	11995	74.8238%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.504575699
5439000	10/1/1930	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	8/22/1982	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	10/17/1985	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	7/9/1987	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	7/13/1987	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	12/9/1988	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	9/19/1990	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	10/4/1990	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	10/8/1990	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	6/30/1992	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	10/29/1995	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	10/8/1998	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	12/19/2002	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	4/12/2003	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	4/13/2003	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	4/14/2003	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	12/30/2004	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	1/9/2005	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	11/1/2006	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	11/3/2007	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	11/13/2007	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	11/14/2007	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	10/25/2010	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	10/11/2011	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	10/27/2011	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	10/16/2012	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	10/24/2012	5.9	5.9	1.62	16.66	12047	75.1482%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.451663271
5439000	10/24/1931	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	9/15/1981	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	9/19/1981	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	1/8/1982	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	10/7/1982	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	8/8/1983	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	2/24/1987	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	6/22/1988	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	8/12/1988	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	8/7/1991	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	8/30/1991	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	7/1/1992	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	11/2/1996	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	12/7/1996	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	10/17/1999	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	8/16/2000	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	9/20/2000	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/19/2003	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	12/31/2003	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	12/20/2004	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	6/16/2005	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	11/16/2006	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	10/7/2011	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	11/21/2013	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	1/21/2015	5.8	5.8	1.62	16.50	12074	75.3166%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.398750843
5439000	1/24/1926	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	7/18/1926	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	7/24/1926	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	8/14/1926	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	1/20/1927	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	1/21/1927	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	1/22/1927	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	7/13/1927	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	9/15/1927	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	6/9/1928	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	9/13/1928	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	9/17/1928	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	8/12/1929	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	11/9/1932	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	6/21/1933	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	7/25/1933	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	11/1/1979	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	7/30/1981	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	8/8/1981	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	7/27/1985	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	7/11/1991	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	10/9/1991	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	11/10/1991	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/28/1994	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	8/25/1994	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	10/1/1996	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	10/19/1996	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	7/19/1997	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	8/19/1997	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	10/28/1997	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	7/24/2004	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	6/17/2005	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	10/29/2007	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	11/7/2007	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	11/8/2007	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	11/18/2007	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	8/9/2008	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	9/20/2009	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	10/23/2011	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	6/30/2012	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	8/31/2014	5.7	5.7	1.62	16.34	12099	75.4725%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.345838416
5439000	10/21/1929	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	6/18/1930	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	8/8/1985	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	11/11/1991	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	3/18/1996	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	12/5/1996	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	7/16/1997	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	7/29/1999	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	10/22/1999	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	12/17/1999	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	12/20/1999	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	8/20/2000	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	9/15/2000	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/18/2001	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	4/11/2003	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	12/25/2003	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	8/3/2004	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	12/8/2007	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	8/6/2009	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	8/16/2012	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	9/2/2013	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	8/16/2014	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	8/28/2014	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	9/1/2014	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	3/9/2015	5.6	5.6	1.62	16.18	12140	75.7283%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.292925988
5439000	10/29/1932	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	7/30/1980	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	8/24/1982	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	10/8/1982	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	10/26/1982	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	10/30/1982	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	10/31/1982	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	8/9/1983	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	10/24/1984	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	12/15/1988	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	1/1/1989	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	7/14/1991	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	8/9/1991	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	6/28/1992	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	6/29/1992	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	7/30/1995	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	10/8/1995	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	10/22/1996	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	10/18/1999	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/4/1999	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	12/21/1999	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	7/14/2001	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	1/3/2006	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	11/17/2007	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	8/11/2008	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	9/23/2009	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	8/25/2010	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	10/10/2011	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	10/31/2011	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	11/13/2014	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	1/22/2015	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	1/23/2015	5.5	5.5	1.62	16.01	12165	75.8842%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.24001356
5439000	11/20/1925	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	12/14/1925	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	1/10/1926	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	5/29/1926	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	6/14/1928	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	8/13/1929	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	8/1/1980	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	10/12/1983	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	7/14/1984	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	7/24/1985	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	8/11/1986	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	8/10/1987	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	12/13/1988	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	12/21/1988	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	11/9/1991	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	3/21/1996	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	12/6/1996	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	12/9/1996	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/10/1998	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	7/30/1999	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	1/11/2000	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	10/2/2000	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	8/5/2004	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	2/5/2007	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	11/16/2007	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	11/19/2007	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	8/3/2008	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	9/13/2009	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	12/26/2010	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	10/9/2011	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	6/27/2012	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	2/6/2013	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	11/10/2013	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	2/26/2014	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	11/16/2014	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	1/24/2015	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	1/25/2015	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	1/26/2015	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	1/27/2015	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	1/28/2015	5.4	5.4	1.62	15.85	12197	76.0838%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.187101132
5439000	10/23/1930	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	10/24/1930	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	10/25/1930	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	10/26/1930	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	2/28/1931	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	3/1/1931	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	3/3/1931	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	7/13/1931	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	10/20/1931	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/31/1931	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	8/4/1981	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	8/11/1981	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	8/12/1981	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	8/13/1981	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	8/17/1985	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	7/10/1987	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	7/16/1987	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	6/24/1988	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	12/10/1988	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	9/17/1990	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	7/10/1992	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	8/30/1992	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	3/19/1996	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	7/15/2002	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	11/17/2006	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	9/1/2010	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	10/22/2011	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	8/4/2012	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	3/9/2014	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	11/18/2014	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	1/29/2015	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	1/30/2015	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	1/31/2015	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	2/1/2015	5.3	5.3	1.62	15.69	12237	76.3334%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.134188704
5439000	6/23/1932	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	10/10/1932	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	11/12/1932	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	12/21/1932	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	8/23/1982	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	10/26/1983	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/12/1986	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	8/20/1988	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	12/8/1989	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	12/31/1989	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	7/18/1991	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	8/10/1991	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	11/12/1991	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	8/30/1994	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	9/10/1994	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	11/3/1996	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	9/3/1998	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	9/30/1998	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	8/27/2002	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	4/2/2003	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	4/20/2003	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	1/13/2004	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	6/18/2005	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	7/15/2006	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	10/23/2006	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	11/2/2006	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	12/9/2007	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	7/21/2012	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	8/12/2013	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	9/9/2014	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	2/2/2015	5.2	5.2	1.62	15.53	12271	76.5454%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.081276276
5439000	1/25/1926	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	7/19/1926	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	7/25/1926	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	7/14/1927	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	6/10/1928	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	8/25/1928	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/3/1928	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	9/12/1928	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	8/1/1929	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	8/9/1929	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	6/5/1931	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	10/23/1931	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	11/7/1931	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	7/26/1933	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	9/26/1984	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	8/17/1986	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	7/6/1989	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	8/31/1991	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	9/8/1995	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	11/4/1996	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	7/30/1998	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	12/18/1999	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	12/19/1999	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	10/10/2001	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	11/18/2006	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	8/20/2014	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	2/3/2015	5.1	5.1	1.62	15.37	12302	76.7388%	Zinc	--	µg/L	60.7	28.3	#VALUE!	5.028363848
5439000	2/2/1928	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	2/3/1928	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	11/29/1930	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	1/24/1931	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	2/11/1931	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	2/27/1931	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	3/4/1931	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	10/20/1979	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	7/31/1980	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	9/20/1981	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/29/1983	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	11/6/1983	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	11/7/1983	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	11/8/1983	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	11/12/1983	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	11/16/1983	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	7/15/1984	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	8/13/1986	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	7/14/1987	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	7/19/1988	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	7/7/1989	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	9/20/1990	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	9/24/1990	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	7/15/1991	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	9/6/1991	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	8/2/1995	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	8/4/1995	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	8/21/1995	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	9/21/1995	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	9/19/1996	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	9/23/1996	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	12/10/1996	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	10/13/1997	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	10/9/1998	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	10/4/2001	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	10/5/2002	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	12/21/2004	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	12/13/2010	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	12/28/2010	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	8/29/2011	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	10/30/2011	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/1/2013	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	2/4/2015	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	2/5/2015	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	2/6/2015	5	5	1.62	15.21	12329	76.9072%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.97545142
5439000	7/14/1931	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	7/15/1931	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	11/1/1931	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	7/5/1932	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	10/30/1932	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	8/25/1982	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	10/28/1982	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	8/10/1983	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	8/18/1985	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	10/5/1990	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	7/17/1991	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	7/24/1991	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	11/13/1991	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	7/11/1992	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	7/31/1995	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	10/16/1996	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	10/18/1996	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	11/8/1996	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	12/8/1996	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	7/20/1997	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	10/21/1999	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	10/30/1999	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	7/15/2001	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	7/20/2003	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	12/27/2003	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	1/14/2004	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	11/5/2004	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/19/2005	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	8/13/2009	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	12/2/2010	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	11/1/2011	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	8/17/2014	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	9/21/2014	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	10/7/2014	4.9	4.9	1.62	15.04	12374	77.1879%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.922538992
5439000	12/15/1925	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	6/3/1926	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	7/19/1927	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	6/11/1928	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	6/12/1928	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	6/15/1928	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	6/16/1928	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	7/4/1930	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	7/15/1930	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	10/2/1930	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	2/17/1931	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	2/18/1931	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	2/26/1931	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	3/2/1931	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	6/22/1933	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	1/9/1982	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	7/17/1987	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	7/29/1987	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	7/17/1989	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	12/9/1989	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	8/27/1992	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	8/5/1995	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	9/18/1996	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	10/20/1999	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/31/1999	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	1/4/2000	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	1/12/2000	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	8/21/2000	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	9/19/2002	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	3/29/2003	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	4/19/2003	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	7/24/2003	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	7/25/2004	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	3/8/2006	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	9/24/2009	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	11/29/2010	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	12/22/2012	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	9/15/2013	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	9/16/2014	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	2/7/2015	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	2/8/2015	4.8	4.8	1.62	14.88	12408	77.4000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.869626564
5439000	11/2/1931	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	11/4/1931	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	11/6/1931	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	10/4/1979	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	10/17/1979	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	11/16/1979	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	2/16/1982	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	8/11/1987	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	6/23/1988	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	6/25/1988	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	12/11/1988	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	12/25/1988	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	9/18/1990	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	8/29/1991	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/27/1991	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	8/10/1992	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	3/20/1996	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	9/21/1996	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	11/9/1996	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	8/24/1998	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	10/24/1999	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	10/29/1999	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	11/3/1999	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	11/12/1999	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	11/5/2000	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	7/24/2001	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	8/16/2001	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	12/26/2003	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	1/12/2004	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	300.00	µg/L	60.7	28.3	23.80583593	4.816714136
5439000	12/29/2004	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	9/14/2009	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	8/26/2010	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	8/31/2010	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	9/7/2010	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	12/29/2010	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	6/28/2012	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	8/2/2013	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	8/25/2013	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	2/9/2015	4.7	4.7	1.62	14.72	12449	77.6558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.816714136
5439000	6/29/1932	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	7/13/1932	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	11/11/1932	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	9/16/1981	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	9/9/1982	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	10/27/1982	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/28/1985	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	8/9/1985	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	8/12/1985	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	8/19/1986	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	2/15/1987	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	8/19/1988	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	10/18/1988	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	7/9/1989	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	12/27/1989	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	12/30/1989	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	9/25/1990	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	7/12/1991	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	10/10/1991	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	7/29/1994	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	9/29/1994	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	10/4/1994	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	10/5/1994	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	8/6/1995	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	10/10/1995	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	1/31/1996	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	9/22/1996	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	9/17/1998	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	8/26/1999	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	11/2/1999	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	9/27/2001	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	10/24/2004	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	11/3/2004	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	11/20/2004	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	6/30/2005	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	8/10/2008	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	8/31/2011	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/16/2012	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	9/2/2014	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	2/10/2015	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	2/11/2015	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	2/12/2015	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	2/13/2015	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	2/14/2015	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	2/15/2015	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	2/16/2015	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	2/17/2015	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	2/18/2015	4.6	4.6	1.62	14.56	12488	77.8991%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.763801709
5439000	1/26/1926	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	2/11/1926	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	7/26/1926	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	8/15/1926	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	9/5/1928	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	9/6/1928	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	9/10/1928	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	9/11/1928	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	9/18/1928	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	6/19/1930	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	7/5/1930	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	12/15/1930	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	11/5/1931	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	6/23/1933	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	6/26/1933	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	7/27/1933	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	9/21/1981	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	9/25/1981	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	1/10/1982	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	10/3/1983	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/1/1984	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	10/25/1984	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	7/18/1987	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	8/18/1988	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	12/12/1988	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	1/2/1989	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	12/28/1989	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	12/29/1989	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	7/21/1991	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	7/29/1991	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	8/2/1991	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	9/17/1991	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	2/6/1996	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	11/18/1996	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	11/4/1999	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	8/25/2000	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	8/27/2004	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	12/22/2004	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	6/20/2005	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	110.00	µg/L	60.7	28.3	8.537031645	4.710889281
5439000	10/11/2006	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	8/30/2010	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	10/28/2011	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	11/3/2013	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	8/18/2014	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	8/19/2014	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	11/14/2014	4.5	4.5	1.62	14.40	12536	78.1985%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.710889281
5439000	6/25/1932	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	12/18/1932	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	12/19/1932	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	10/23/1979	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	11/2/1979	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/31/1981	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	1/11/1982	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	12/26/1989	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	7/16/1991	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	8/3/1991	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	10/26/1991	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	8/11/1992	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	9/8/1992	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	10/2/1994	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	10/3/1994	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	8/1/1995	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	10/5/1995	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	11/10/1996	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	11/22/1996	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	1/13/2000	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	8/17/2002	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	11/20/2003	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	11/25/2004	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	2/2/2006	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	7/22/2006	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	10/28/2010	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	10/25/2012	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	2/27/2014	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	2/19/2015	4.4	4.4	1.62	14.24	12582	78.4854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.657976853
5439000	11/12/1925	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	1/12/1926	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	2/17/1926	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	7/20/1927	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	10/21/1931	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	11/3/1931	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	11/10/1931	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	6/24/1933	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	6/25/1933	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	1/12/1982	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	1/20/1982	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	11/18/1983	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	10/26/1984	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	8/11/1985	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	7/8/1989	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	12/15/1989	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	12/16/1989	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	12/17/1989	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	8/28/1991	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	8/12/1992	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	8/5/1994	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	10/4/1998	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	10/25/1999	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	1/9/2000	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	1/14/2000	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	1/15/2000	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	1/16/2000	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	1/17/2000	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	1/23/2000	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	10/11/2001	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	9/20/2002	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	1/15/2004	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	12/28/2004	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	6/21/2005	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	6/22/2005	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	11/3/2006	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	7/25/2012	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	10/26/2012	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/11/2013	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	11/22/2013	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	9/17/2014	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	2/20/2015	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	2/21/2015	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	2/22/2015	4.3	4.3	1.62	14.07	12611	78.6663%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.605064425
5439000	8/26/1928	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	8/27/1928	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	10/17/1928	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	7/6/1930	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	7/8/1930	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	10/27/1930	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	12/16/1930	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	2/16/1931	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	2/24/1931	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	2/25/1931	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	3/5/1931	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	10/12/1979	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	11/7/1979	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	1/21/1982	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	2/15/1982	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	8/26/1982	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	9/8/1982	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	9/14/1982	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	10/12/1982	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	8/19/1985	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	10/5/1985	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	8/18/1986	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	8/27/1986	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	9/13/1986	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	8/12/1987	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/26/1988	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	12/14/1989	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	12/18/1989	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	12/19/1989	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	12/20/1989	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	12/21/1989	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	12/25/1989	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	7/30/1994	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	8/3/1994	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	10/1/1994	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	7/31/1998	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	11/1/1999	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	11/24/1999	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	1/5/2000	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	1/18/2000	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	1/22/2000	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	1/24/2000	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	8/22/2000	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	8/26/2000	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	4/18/2003	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	7/31/2003	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	1/1/2004	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	12/23/2004	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	7/16/2006	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	10/4/2006	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	10/21/2006	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	11/19/2006	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	8/16/2009	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	8/27/2010	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	8/28/2010	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	8/29/2010	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/3/2013	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	9/3/2014	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	11/20/2014	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	3/8/2015	4.2	4.2	1.62	13.91	12655	78.9408%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.552151997
5439000	10/22/1931	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	6/24/1932	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	7/4/1932	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	11/13/1932	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	1/13/1982	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	1/19/1982	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	1/28/1982	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	8/17/1983	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	10/27/1983	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	11/17/1983	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	7/16/1984	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	12/13/1989	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	12/22/1989	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	12/23/1989	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	9/26/1990	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	8/14/1991	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	8/28/1994	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	8/31/1994	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	10/30/1995	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	11/23/1996	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	8/11/1998	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	7/31/1999	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	11/5/1999	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	11/6/1999	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	11/23/1999	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	1/19/2000	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	7/16/2002	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/25/2002	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	1/11/2004	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	8/21/2005	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	2/3/2006	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	9/25/2009	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	11/24/2010	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	10/29/2011	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	8/17/2012	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	2/28/2014	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	11/15/2014	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	2/23/2015	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	2/24/2015	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	3/7/2015	4.1	4.1	1.62	13.75	12715	79.3151%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.499239569
5439000	7/20/1926	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	8/16/1926	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	8/14/1929	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	9/30/1929	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	10/28/1930	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	11/16/1930	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	12/17/1930	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	2/23/1931	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	3/6/1931	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	9/17/1981	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	1/14/1982	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	1/22/1982	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	1/29/1982	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	8/27/1982	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	9/10/1982	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	8/12/1983	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	9/23/1983	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	9/8/1985	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/23/1986	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	8/24/1986	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	6/29/1988	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	12/16/1988	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	12/19/1988	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	12/10/1989	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	12/12/1989	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	12/24/1989	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	7/13/1991	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	7/19/1991	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	7/26/1991	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	9/1/1991	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	11/21/1996	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	10/26/1999	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	11/19/1999	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	12/22/1999	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	1/21/2000	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	1/25/2000	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	2/1/2000	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	2/20/2000	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	9/10/2001	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	12/27/2004	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	6/23/2005	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	7/5/2005	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	8/14/2009	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	8/30/2011	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	7/9/2012	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	1/14/2013	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	2/25/2015	4	4	1.62	13.59	12755	79.5646%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.446327141
5439000	9/8/1928	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	9/9/1928	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/14/1928	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	11/8/1931	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	11/9/1931	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	10/11/1979	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	10/29/1979	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	1/18/1982	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	1/23/1982	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	1/30/1982	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	1/31/1982	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	2/14/1982	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	9/8/1984	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	8/30/1985	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	1/3/1989	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	12/11/1989	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	7/20/1991	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	7/25/1991	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	8/31/1992	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	9/30/1994	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	10/6/1994	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	11/11/1996	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	7/17/1997	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	11/9/1999	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	12/3/1999	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	1/26/2000	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	1/31/2000	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	8/23/2000	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	8/29/2000	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	10/6/2001	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	11/6/2003	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	1/2/2004	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	12/24/2004	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/1/2005	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	8/16/2011	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	10/13/2012	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	3/1/2014	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	3/2/2014	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	3/3/2014	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	11/21/2014	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	2/26/2015	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	2/27/2015	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	2/28/2015	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	3/1/2015	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	3/2/2015	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	3/3/2015	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	3/4/2015	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	3/5/2015	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	3/6/2015	3.9	3.9	1.62	13.43	12802	79.8578%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.393414713
5439000	11/21/1925	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	12/16/1925	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	1/11/1926	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	1/27/1926	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	3/31/1926	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	8/7/1927	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	8/8/1927	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	8/9/1927	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	8/10/1927	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	7/7/1930	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	7/16/1930	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	12/18/1930	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	12/19/1930	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	2/12/1931	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	2/13/1931	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/15/1931	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	2/19/1931	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	8/31/1932	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	10/31/1932	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	12/7/1932	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	12/17/1932	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	12/20/1932	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	7/28/1933	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	1/15/1982	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	1/27/1982	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	2/1/1982	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	2/2/1982	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	2/3/1982	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	2/13/1982	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	9/1/1982	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	9/2/1982	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	9/6/1982	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	9/7/1982	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	9/13/1982	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	8/11/1983	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	8/25/1983	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	9/15/1983	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	9/6/1985	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	8/25/1986	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	9/3/1986	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	7/19/1987	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	7/23/1987	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	6/28/1988	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	8/17/1991	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	8/26/1991	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	10/28/1991	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/24/1996	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	8/30/1998	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	10/28/1999	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	11/8/1999	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	11/13/1999	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	1/20/2000	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	1/30/2000	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	2/2/2000	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	8/24/2000	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	9/21/2000	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	9/28/2001	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	12/25/2004	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	12/26/2004	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	6/24/2005	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	7/23/2006	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	10/24/2006	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	10/25/2006	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	9/15/2009	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	9/26/2009	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	9/6/2012	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	3/4/2014	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	3/5/2014	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	3/6/2014	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	3/7/2014	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	3/8/2014	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	9/19/2014	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	10/8/2014	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	11/19/2014	3.8	3.8	1.62	13.27	12851	80.1634%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.340502285
5439000	9/1/1931	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	9/22/1981	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	1/16/1982	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/17/1982	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	1/24/1982	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	2/4/1982	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	2/5/1982	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	2/6/1982	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	2/7/1982	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	2/8/1982	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	2/11/1982	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	2/12/1982	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	11/13/1983	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	11/14/1983	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	7/17/1984	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	8/20/1985	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	8/25/1985	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	8/29/1985	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	8/20/1986	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	8/22/1986	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	8/28/1986	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	11/5/1988	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	9/2/1992	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	2/1/1996	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	10/6/1996	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	10/10/1998	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	10/27/1999	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	11/27/1999	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	1/6/2000	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	1/8/2000	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	1/27/2000	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	380.00	µg/L	60.7	28.3	26.84158395	4.287589857
5439000	1/29/2000	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	2/10/2000	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	2/11/2000	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	2/13/2000	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	10/9/2001	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	8/28/2002	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	7/26/2004	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	8/4/2006	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	8/15/2009	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	9/8/2010	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	10/30/2013	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	11/4/2013	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	11/12/2013	3.7	3.7	1.62	13.10	12925	80.6250%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.287589857
5439000	7/27/1926	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	8/17/1926	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	8/29/1928	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	6/20/1930	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	10/29/1930	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	10/30/1930	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	11/20/1930	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	12/20/1930	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	1/23/1931	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	2/14/1931	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	2/20/1931	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	7/6/1932	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	9/15/1932	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	11/14/1932	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	11/15/1932	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	8/1/1981	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	9/23/1981	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	1/25/1982	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	1/26/1982	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	2/9/1982	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	2/10/1982	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/3/1982	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	9/18/1982	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	8/26/1985	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	7/20/1987	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	7/20/1988	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	7/25/1988	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	1/4/1989	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	10/18/1991	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	8/28/1992	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	8/10/1995	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	10/2/1996	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	10/3/1996	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	10/24/1996	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	11/12/1996	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	7/22/1997	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	7/24/1997	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	10/29/1997	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	8/1/1998	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	11/10/1999	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	11/16/1999	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	12/23/1999	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	1/28/2000	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	2/3/2000	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	2/14/2000	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	2/16/2000	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	8/30/2000	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	7/18/2001	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	7/19/2001	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	3/22/2003	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	1/3/2004	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	6/25/2005	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/26/2006	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	10/18/2006	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	11/4/2006	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	8/22/2008	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	9/6/2008	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	9/19/2011	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	7/3/2012	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	9/7/2012	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	9/18/2014	3.6	3.6	1.62	12.94	12969	80.8995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.234677429
5439000	7/21/1927	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	7/16/1931	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	9/27/1984	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	7/29/1985	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	7/30/1985	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	8/21/1985	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	12/17/1988	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	1/5/1989	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	1/8/1989	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	9/27/1990	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	10/7/1990	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	7/28/1991	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	9/18/1991	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	9/24/1991	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	9/26/1991	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	9/29/1991	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	10/11/1991	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	10/14/1991	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	10/19/1991	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	8/13/1992	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	7/31/1994	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	10/9/1995	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/23/1995	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	11/24/1996	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	11/7/1999	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	11/20/1999	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	11/26/1999	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	1/3/2000	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	2/4/2000	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	2/5/2000	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	2/9/2000	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	2/12/2000	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	2/15/2000	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	2/17/2000	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	2/18/2000	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	2/19/2000	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	11/13/2002	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	11/14/2002	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	4/3/2003	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	9/14/2006	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	7/27/2012	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	1/17/2014	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	2/19/2014	3.5	3.5	1.62	12.78	13030	81.2800%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.181765001
5439000	11/25/1925	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	2/12/1926	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	10/1/1979	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	10/5/1979	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	10/19/1979	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	10/30/1979	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	11/8/1979	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	11/10/1979	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	11/18/1979	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	11/19/1979	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/20/1979	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	8/28/1982	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	8/13/1983	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	8/18/1983	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	8/19/1984	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	8/23/1985	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	12/18/1988	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	1/6/1989	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	10/6/1990	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	7/30/1991	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	8/27/1991	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	9/23/1991	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	9/27/1991	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	9/3/1992	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	8/6/1994	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	8/7/1995	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	9/22/1995	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	10/4/1996	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	10/20/1996	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	8/12/1998	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	9/18/1998	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	8/23/1999	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	11/18/1999	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	12/26/1999	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	1/7/2000	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	2/6/2000	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	2/7/2000	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	7/16/2001	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	10/7/2001	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	10/8/2001	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	4/21/2003	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/26/2004	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	7/17/2006	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	9/24/2006	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	11/20/2006	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	9/16/2009	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	11/25/2010	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	9/8/2012	3.4	3.4	1.62	12.62	13073	81.5483%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.128852574
5439000	9/7/1928	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	9/19/1928	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	9/4/1930	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	10/3/1930	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	10/31/1930	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	11/1/1930	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	11/17/1930	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	12/21/1930	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	2/22/1931	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	6/30/1932	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	7/14/1932	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	6/27/1933	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	9/24/1981	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	10/28/1983	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	10/31/1983	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	7/21/1984	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	8/29/1986	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	1/7/1989	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	7/27/1991	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	9/21/1991	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	10/24/1991	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	8/29/1994	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	8/22/1995	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	10/11/1995	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/25/1996	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	10/5/1996	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	10/25/1996	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	11/19/1996	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	11/5/1997	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	10/15/1998	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	8/1/1999	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	11/15/1999	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	11/17/1999	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	12/24/1999	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	12/27/1999	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	2/8/2000	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	9/29/2001	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	9/30/2001	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	8/1/2002	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	7/27/2004	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	11/6/2004	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	10/19/2006	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	8/12/2008	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	9/27/2009	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	8/1/2012	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	9/19/2012	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	10/27/2012	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	12/15/2012	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	8/4/2013	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	8/5/2013	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	9/3/2013	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	10/12/2013	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	11/5/2013	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	11/26/2013	3.3	3.3	1.62	12.46	13121	81.8477%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.075940146
5439000	12/17/1925	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/21/1926	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	7/28/1926	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	7/29/1926	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	8/15/1929	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	10/24/1979	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	10/31/1979	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	11/9/1979	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	9/4/1982	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	9/11/1982	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	8/27/1983	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	9/10/1983	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	10/4/1983	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	10/13/1983	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	7/18/1984	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	7/26/1984	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	8/22/1985	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	8/28/1985	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	9/1/1986	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	6/26/1988	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	6/30/1988	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	9/25/1991	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	9/28/1991	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	10/13/1991	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	9/5/1994	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	10/15/1995	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	10/13/1996	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	7/23/1997	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	8/27/1998	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	9/29/1998	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	8/27/1999	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	11/14/1999	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/25/1999	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	12/25/1999	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	12/28/1999	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	12/31/1999	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	1/1/2000	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	1/2/2000	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	4/27/2003	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	7/25/2003	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	8/6/2004	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	8/29/2004	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	6/26/2005	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	11/5/2006	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	11/24/2006	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	9/28/2009	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	12/3/2010	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	12/14/2010	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	7/22/2012	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	11/23/2013	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	11/25/2013	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	12/20/2013	3.2	3.2	1.62	12.30	13175	82.1845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	4.023027718
5439000	9/25/1931	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	10/4/1932	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	11/1/1932	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	7/29/1933	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	8/3/1933	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	9/2/1986	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	7/10/1989	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	10/1/1990	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	8/19/1991	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	9/10/1991	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	10/12/1991	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/14/1992	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	10/25/1995	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	11/13/1996	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	11/20/1996	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	8/20/1997	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	11/2/1997	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	11/29/1997	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	11/30/1997	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	10/11/1998	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	11/28/1999	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	12/29/1999	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	12/30/1999	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	11/12/2002	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	1/10/2004	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	1/16/2004	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	6/27/2005	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	7/24/2006	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	9/9/2010	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	10/29/2010	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	12/4/2010	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	9/1/2011	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	12/23/2012	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	10/9/2014	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	10/11/2014	3.1	3.1	1.62	12.13	13227	82.5089%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.97011529
5439000	11/11/1925	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	11/22/1925	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	9/28/1927	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	8/28/1928	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	8/16/1929	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	8/17/1929	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	10/16/1929	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/17/1929	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	10/18/1929	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	10/19/1929	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	10/20/1929	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	6/21/1930	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	7/17/1930	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	12/22/1930	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	7/17/1931	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	8/29/1982	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	8/31/1982	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	9/12/1982	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	9/16/1982	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	8/28/1983	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	8/31/1985	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	9/1/1985	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	9/2/1985	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	9/9/1985	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	10/6/1985	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	8/21/1986	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	8/30/1986	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	7/21/1987	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	7/22/1987	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	7/24/1987	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	9/28/1990	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	9/29/1990	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	10/2/1990	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	8/6/1991	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	9/7/1991	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	9/19/1991	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	9/22/1991	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	10/20/1991	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/21/1991	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	9/1/1994	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	10/1/1995	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	8/2/1998	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	11/22/1999	3	3	1.62	11.97	13262	82.7272%	Zinc	380.00	µg/L	60.7	28.3	24.52285152	3.917202862
5439000	8/28/2000	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	8/18/2001	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	3/26/2003	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	3/30/2003	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	8/12/2004	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	7/2/2005	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	7/21/2005	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	7/27/2005	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	2/4/2006	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	11/6/2006	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	11/7/2006	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	11/8/2006	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	9/17/2009	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	9/19/2009	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	9/10/2010	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	8/17/2011	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	1/10/2013	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	12/23/2013	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	10/10/2014	3	3	1.62	11.97	13262	82.7272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.917202862
5439000	10/25/1979	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	10/27/1979	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	10/28/1979	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	11/6/1979	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	11/11/1979	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	11/17/1979	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	8/14/1983	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/19/1983	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	9/16/1983	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	8/27/1985	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	9/3/1985	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	9/11/1985	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	9/21/1985	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	8/31/1986	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	9/4/1986	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	9/6/1986	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	7/5/1988	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	9/30/1990	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	10/23/1991	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	8/15/1992	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	8/29/1992	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	9/3/1994	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	10/17/1995	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	10/11/1996	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	10/12/1996	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	11/14/1996	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	11/15/1996	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	11/16/1996	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	11/29/1996	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	10/1/1998	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	11/21/1999	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	7/20/2001	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	7/19/2002	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	11/6/2002	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	8/3/2003	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	1/4/2004	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	8/11/2004	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	11/8/2004	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/6/2005	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	8/19/2005	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	11/9/2006	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	11/21/2006	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	10/12/2010	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	9/4/2011	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	8/26/2013	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	1/10/2014	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	9/20/2014	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	9/22/2014	2.9	2.9	1.62	11.81	13324	83.1140%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.864290434
5439000	1/28/1926	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	8/18/1926	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	8/19/1926	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	6/22/1930	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	11/2/1930	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	12/23/1930	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	2/21/1931	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	8/30/1982	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	10/6/1982	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	10/17/1982	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	9/2/1983	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	9/24/1983	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	7/19/1984	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	8/17/1984	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	9/14/1984	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	9/4/1985	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	9/5/1985	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	9/7/1986	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	7/25/1987	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	8/5/1991	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	9/20/1991	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/23/1995	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	10/21/1995	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	2/2/1996	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	10/14/1996	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	11/27/1996	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	8/31/1998	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	11/29/1999	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	8/27/2000	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	10/1/2001	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	11/10/2002	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	11/11/2002	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	4/1/2003	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	7/28/2003	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	11/21/2003	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	12/5/2003	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	7/28/2004	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	8/28/2004	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	6/28/2005	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	9/24/2010	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	12/5/2010	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	7/4/2012	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	1/15/2013	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	8/6/2013	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	10/13/2013	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	11/13/2013	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	12/22/2013	2.8	2.8	1.62	11.65	13372	83.4134%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.811378006
5439000	7/22/1927	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	7/23/1927	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	7/24/1927	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	7/25/1927	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	7/26/1927	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/27/1927	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	8/11/1927	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	8/21/1929	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	8/22/1929	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	10/6/1979	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	10/7/1979	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	10/26/1979	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	11/13/1979	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	11/14/1979	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	10/14/1983	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	9/10/1985	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	9/12/1985	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	9/13/1985	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	9/28/1985	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	9/5/1986	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	6/27/1988	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	7/1/1988	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	8/13/1988	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	7/31/1991	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	8/4/1991	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	8/20/1991	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	10/15/1991	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	10/22/1991	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	9/6/1992	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	9/7/1992	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	9/2/1994	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	10/22/1995	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	10/26/1995	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	10/10/1996	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	10/26/1996	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	10/27/1996	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/25/1996	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	7/17/2002	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	8/29/2002	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	10/6/2002	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	11/7/2002	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	1/17/2004	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	11/7/2004	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	11/24/2004	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	11/29/2005	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	1/4/2006	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	7/18/2006	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	11/22/2006	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	9/10/2008	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	9/18/2009	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	9/3/2011	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	8/6/2012	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	9/16/2013	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	9/23/2014	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	10/12/2014	2.7	2.7	1.62	11.49	13419	83.7066%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.758465578
5439000	11/26/1925	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	12/18/1925	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	2/13/1926	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	6/4/1926	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	6/5/1926	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	6/6/1926	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	6/7/1926	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	10/4/1930	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	11/3/1930	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	12/24/1930	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	7/20/1931	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	7/21/1931	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/1/1932	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	12/10/1932	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	12/11/1932	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	12/12/1932	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	12/14/1932	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	12/16/1932	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	6/28/1933	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	9/15/1982	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	10/13/1982	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	10/18/1982	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	8/29/1983	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	7/20/1984	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	7/24/1984	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	7/27/1984	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	9/8/1986	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	9/14/1986	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	8/16/1992	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	8/7/1994	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	9/6/1994	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	10/9/1996	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	11/7/1997	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	12/25/1997	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	9/7/1998	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	10/12/1998	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	12/2/1999	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	7/17/2001	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	10/2/2001	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	11/9/2002	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	8/4/2003	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	11/17/2003	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	540.00	µg/L	60.7	28.3	32.96538223	3.70555315
5439000	11/21/2004	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/20/2005	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	11/23/2006	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	9/29/2009	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	7/10/2012	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	10/4/2013	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	10/6/2013	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	12/21/2013	2.6	2.6	1.62	11.32	13474	84.0497%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.70555315
5439000	11/24/1925	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	11/27/1925	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	2/14/1926	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	8/18/1929	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	10/1/1929	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	10/8/1979	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	10/10/1979	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	10/18/1979	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	11/12/1979	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	8/15/1983	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	8/16/1983	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	8/20/1983	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	9/19/1985	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	9/16/1986	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	8/21/1988	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	9/11/1991	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	9/30/1991	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	10/17/1991	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	9/4/1994	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	8/11/1995	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	8/24/1995	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	9/20/1995	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	10/7/1996	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	10/28/1996	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/28/1996	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	8/13/1998	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	10/13/1998	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	10/16/1998	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	7/18/2002	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	7/27/2002	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	7/31/2002	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	11/8/2002	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	4/22/2003	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	1/9/2004	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	6/29/2005	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	7/27/2006	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	11/25/2006	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	8/13/2008	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	8/14/2012	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	9/9/2012	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	10/28/2012	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	12/24/2012	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	10/17/2013	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	10/18/2013	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	11/24/2013	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	12/24/2013	2.5	2.5	1.62	11.16	13524	84.3615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.652640722
5439000	9/29/1929	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	6/23/1930	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	6/24/1930	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	9/5/1930	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	11/4/1930	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	11/18/1930	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	11/21/1930	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	12/25/1930	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	7/18/1931	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/2/1932	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	7/15/1932	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	11/2/1932	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	11/17/1932	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	12/15/1932	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	11/5/1979	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	8/24/1983	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	8/26/1983	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	8/30/1983	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	9/3/1983	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	9/7/1983	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	9/9/1983	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	9/25/1983	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	9/26/1983	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	9/27/1983	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	9/28/1983	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	10/16/1983	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	7/22/1984	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	9/17/1986	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	9/20/1986	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	8/24/1988	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	8/18/1991	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	10/16/1991	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	8/9/1995	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	10/8/1996	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	10/14/1997	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	10/17/1997	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	10/30/1997	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	10/31/1997	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	9/4/1998	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	11/30/1999	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/1/1999	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	7/22/2001	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	7/20/2002	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	8/7/2002	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	9/22/2002	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	12/20/2002	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	11/7/2003	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	11/22/2003	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	11/23/2003	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	1/5/2004	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	7/29/2004	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	7/26/2005	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	8/13/2005	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	9/25/2006	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	12/11/2010	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	7/11/2012	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	7/26/2012	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	9/4/2012	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	9/22/2012	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	1/16/2013	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	8/10/2013	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	8/13/2013	2.4	2.4	1.62	11.00	13570	84.6485%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.599728294
5439000	11/10/1925	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	12/19/1925	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	1/16/1926	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	7/28/1927	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	8/19/1929	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	8/21/1983	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	9/11/1983	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	10/30/1983	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	8/15/1991	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/21/1991	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	9/8/1991	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	10/1/1991	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	9/11/1994	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	2/3/1996	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	11/3/1997	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	8/3/1998	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	9/1/1998	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	9/3/2000	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	9/4/2000	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	9/5/2000	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	7/21/2001	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	8/6/2001	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	11/5/2002	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	3/31/2003	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	10/15/2003	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	12/6/2003	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	8/7/2004	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	8/19/2004	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	8/25/2004	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	7/25/2006	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	9/19/2006	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	11/26/2006	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	11/13/2010	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	11/14/2010	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	12/6/2010	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	8/7/2013	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	11/14/2013	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	1/18/2014	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	1/19/2014	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866
5439000	2/18/2014	2.3	2.3	1.62	10.84	13632	85.0352%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.546815866

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/16/1928	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	11/5/1930	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	11/6/1930	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	11/7/1930	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	11/8/1930	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	11/9/1930	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	11/10/1930	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	11/11/1930	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	11/19/1930	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	12/26/1930	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	3/7/1931	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	3/12/1931	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	11/5/1932	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	11/18/1932	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	12/8/1932	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	12/9/1932	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	10/9/1979	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	10/13/1979	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	11/3/1979	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	11/4/1979	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	9/5/1982	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	8/23/1983	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	8/31/1983	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	9/1/1983	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	9/4/1983	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	9/5/1983	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	7/25/1984	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	7/28/1984	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	9/7/1985	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	9/14/1985	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	9/20/1985	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/23/1985	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	10/7/1985	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	9/9/1986	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	9/10/1986	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	9/1/1992	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	8/8/1995	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	11/4/1997	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	8/2/1999	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	8/12/1999	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	8/31/2000	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	9/17/2000	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	7/30/2001	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	9/4/2001	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	10/3/2001	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	7/29/2002	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	8/18/2002	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	10/7/2002	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	3/23/2003	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	4/23/2003	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	7/26/2003	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	7/29/2003	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	11/24/2003	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	7/30/2004	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	10/31/2004	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	7/3/2005	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	12/1/2005	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	2/5/2006	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	7/19/2006	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	9/15/2006	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	10/20/2006	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	9/30/2009	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	383.00	µg/L	60.7	28.3	22.04555217	3.493903439

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/11/2010	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	9/22/2010	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	11/6/2010	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	11/13/2012	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	8/8/2013	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	9/4/2013	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	11/16/2013	2.2	2.2	1.62	10.68	13672	85.2848%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.493903439
5439000	1/13/1926	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	2/15/1926	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	8/20/1929	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	9/9/1929	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	7/19/1931	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	7/22/1931	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	7/30/1933	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	8/2/1933	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	9/19/1982	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	10/15/1982	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	10/16/1982	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	8/22/1983	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	9/8/1983	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	9/14/1983	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	8/20/1984	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	9/15/1984	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	9/18/1985	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	10/2/1991	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	9/5/1992	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	9/9/1995	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	10/16/1995	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	10/15/1996	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	11/1/1997	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	9/19/1998	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/22/1998	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	8/10/1999	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	100.00	µg/L	60.7	28.3	5.668848452	3.440991011
5439000	8/28/1999	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	8/19/2001	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	10/26/2002	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	3/27/2003	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	1/6/2004	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	1/8/2004	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	1/18/2004	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	7/31/2004	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	7/7/2005	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	8/5/2006	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	11/27/2006	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	8/14/2008	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	11/26/2010	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	8/18/2011	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	7/12/2012	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	9/15/2012	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	9/23/2012	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	8/9/2013	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	1/20/2014	2.1	2.1	1.62	10.52	13741	85.7152%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.440991011
5439000	11/23/1925	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	11/28/1925	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	12/3/1925	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	1/14/1926	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	2/16/1926	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	6/8/1926	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/20/1928	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	6/25/1930	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	7/18/1930	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	11/12/1930	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/13/1930	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	11/14/1930	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	11/15/1930	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	12/27/1930	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	12/28/1930	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	11/3/1932	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	11/7/1932	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	12/6/1932	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	12/13/1932	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	7/31/1933	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	8/4/1933	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	10/14/1982	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/12/1983	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/13/1983	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/29/1983	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	10/1/1983	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	10/5/1983	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	10/6/1983	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	8/5/1984	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/6/1984	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/9/1984	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/11/1984	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/28/1984	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	10/11/1984	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/15/1985	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/17/1985	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/18/1986	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/19/1986	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	8/14/1988	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	8/25/1988	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	8/1/1991	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/22/1991	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/2/1991	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/4/1992	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/7/1994	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	2/4/1996	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	2/5/1996	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	12/1/1997	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	10/14/1998	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	8/7/1999	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/1/2000	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/19/2000	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	7/23/2001	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	10/30/2002	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	11/20/2002	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	11/21/2002	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	8/5/2003	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	11/8/2003	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	11/15/2003	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	8/13/2004	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	11/9/2004	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	2/6/2006	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/17/2006	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	9/26/2006	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	10/30/2010	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	11/7/2010	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	11/27/2010	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	7/28/2012	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	1/21/2014	2	2	1.62	10.35	13786	85.9959%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.388078583
5439000	7/29/1927	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	9/21/1928	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	9/21/1982	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/17/1983	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	10/19/1983	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	8/9/1984	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	8/23/1984	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	9/2/1984	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	9/4/1984	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	9/24/1985	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	9/30/1985	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	9/9/1991	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	8/25/1992	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	8/25/1995	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	8/26/1995	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	9/23/1995	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	10/19/1995	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	9/21/1998	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	8/3/1999	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	9/9/2000	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	9/10/2000	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	9/18/2000	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	8/30/2002	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	11/3/2002	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	11/19/2002	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	12/17/2002	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	4/24/2003	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	8/6/2003	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	11/14/2003	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	11/16/2003	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	8/8/2004	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	11/16/2005	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	9/10/2006	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	9/12/2008	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/21/2010	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	10/31/2010	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	11/1/2010	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	11/12/2010	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	11/16/2010	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	12/25/2010	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	9/2/2011	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	9/5/2011	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	7/5/2012	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	10/12/2012	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	12/9/2012	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	8/11/2013	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	1/22/2014	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	1/23/2014	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	1/24/2014	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	1/25/2014	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	9/24/2014	1.9	1.9	1.62	10.19	13855	86.4263%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.335166155
5439000	11/29/1925	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	1/15/1926	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	9/22/1928	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	10/5/1928	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	10/14/1928	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	8/17/1930	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	11/22/1930	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	11/23/1930	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	11/24/1930	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	12/29/1930	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	7/16/1932	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	11/4/1932	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	11/6/1932	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	11/16/1932	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/19/1932	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	12/4/1932	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	10/7/1983	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	7/29/1984	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	8/6/1984	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	8/7/1984	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	8/10/1984	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	8/21/1984	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	8/22/1984	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	8/27/1984	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	8/28/1984	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	8/29/1984	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	8/31/1984	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	9/5/1984	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	9/7/1984	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	9/24/1984	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	9/29/1984	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	10/10/1984	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	10/16/1984	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	9/22/1985	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	9/15/1986	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	7/2/1988	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	8/22/1988	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	10/24/1988	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	11/6/1988	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	8/17/1992	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	8/8/1994	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	1/2/1998	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	8/16/1998	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	9/20/1998	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	9/2/2000	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/6/2000	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	7/21/2002	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	9/21/2002	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	10/9/2002	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	10/29/2002	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	11/22/2002	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	7/27/2003	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	9/27/2003	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	1/7/2004	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	8/1/2004	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	8/9/2004	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	8/17/2004	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	7/22/2005	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	8/22/2005	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	1/5/2006	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	2/8/2006	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	3/7/2006	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	7/28/2006	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	9/12/2010	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	9/23/2010	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	9/25/2010	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	11/5/2010	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	11/15/2010	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	11/17/2010	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	11/28/2010	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	12/15/2010	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	1/26/2013	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	11/27/2013	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	1/26/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	1/27/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	1/28/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/29/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	1/30/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	1/31/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	2/1/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	2/2/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	2/3/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	2/4/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	2/5/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	2/6/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	2/7/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	2/8/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	2/9/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	2/10/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	2/11/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	2/12/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	2/13/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	2/14/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	2/15/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	2/16/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	2/17/2014	1.8	1.8	1.62	10.03	13906	86.7444%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.282253727
5439000	11/30/1925	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	12/1/1925	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	12/2/1925	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	1/29/1926	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	6/9/1926	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	8/12/1927	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	8/13/1927	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	8/14/1927	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	8/23/1929	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	9/8/1929	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	11/25/1930	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/30/1930	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	3/8/1931	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	3/11/1931	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	8/1/1933	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	9/29/1982	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	10/8/1983	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	10/9/1983	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	10/10/1983	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	10/18/1983	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	8/24/1984	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	8/30/1984	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	9/3/1984	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	9/10/1984	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	9/16/1984	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	10/3/1988	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	8/12/1995	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	8/13/1995	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	8/21/1997	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	12/26/1997	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	8/15/1998	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	9/10/1998	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	8/13/1999	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	9/8/2000	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	7/25/2001	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	7/28/2002	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	9/5/2002	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	9/18/2002	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	10/3/2002	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	10/19/2002	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	10/20/2002	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	11/1/2002	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/2/2002	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	11/4/2002	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	4/25/2003	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	7/30/2003	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	11/9/2003	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	11/25/2003	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	12/2/2003	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	1/19/2004	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	2/19/2004	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	11/22/2004	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	11/6/2005	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	1/1/2006	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	9/7/2006	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	8/15/2008	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	11/3/2010	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	11/11/2010	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	11/18/2010	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	11/19/2010	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	7/23/2012	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	9/24/2012	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	12/4/2013	1.7	1.7	1.62	9.87	14002	87.3433%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.229341299
5439000	10/15/1928	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	7/23/1931	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	11/20/1932	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	10/14/1979	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	9/20/1982	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	9/22/1982	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	9/24/1982	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	9/28/1982	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	9/30/1982	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	10/2/1983	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/15/1983	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	7/23/1984	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	7/30/1984	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	8/8/1984	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	8/13/1984	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	8/14/1984	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	8/25/1984	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	9/30/1984	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	10/12/1984	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	9/27/1985	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	8/15/1988	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	8/27/1988	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	10/20/1997	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	8/14/1998	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	8/19/1998	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	8/20/1998	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	9/2/1998	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	9/5/1998	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	9/27/1998	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	8/8/1999	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	8/29/1999	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	9/8/2001	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	9/2/2002	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	10/21/2002	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	10/27/2002	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	10/31/2002	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	12/21/2002	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	3/24/2003	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	220.00	µg/L	60.7	28.3	11.51259228	3.176428871
5439000	10/25/2003	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	8/30/2004	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	11/10/2004	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/23/2004	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	2/7/2006	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	2/9/2006	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	10/5/2006	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	10/12/2006	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	9/11/2008	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	9/19/2010	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	9/20/2010	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	11/2/2010	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	11/11/2012	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	12/10/2012	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	1/17/2013	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	10/3/2013	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	11/15/2013	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	12/5/2013	1.6	1.6	1.62	9.71	14065	87.7363%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.176428871
5439000	7/30/1927	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	8/15/1927	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	9/10/1929	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	10/2/1929	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	7/19/1930	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	12/31/1930	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	8/5/1933	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	8/17/1933	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	9/23/1982	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	10/11/1983	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	8/26/1984	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	9/12/1984	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	9/17/1984	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	9/18/1984	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	9/19/1984	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	10/2/1984	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/3/1984	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	10/7/1984	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	7/6/1988	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	9/12/1988	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	9/8/1994	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	9/12/1994	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	9/16/1997	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	9/26/1998	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	8/9/1999	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	8/3/2001	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	7/30/2002	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	8/31/2002	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	9/1/2002	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	10/22/2002	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	10/28/2002	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	11/18/2002	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	11/10/2003	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	11/26/2003	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	12/7/2003	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	1/20/2004	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	2/18/2004	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	8/2/2004	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	8/26/2004	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	9/5/2004	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	11/18/2004	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	9/16/2006	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	8/21/2008	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	11/10/2010	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	11/20/2010	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	8/18/2012	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	9/10/2012	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/29/2012	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	12/17/2012	1.5	1.5	1.62	9.55	14121	88.0856%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.123516443
5439000	11/4/1925	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	6/10/1926	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	7/31/1927	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/1/1927	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/2/1927	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/18/1927	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/26/1927	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/23/1928	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	10/13/1928	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/24/1929	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/25/1929	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/26/1929	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/27/1929	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/28/1929	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/29/1929	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/30/1929	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/31/1929	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/19/1929	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/25/1929	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	10/3/1929	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	10/14/1929	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	7/20/1930	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/6/1930	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/7/1930	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	10/5/1930	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	10/6/1930	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	1/1/1931	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	3/10/1931	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	7/24/1931	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/2/1931	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	10/16/1979	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	10/1/1982	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	10/5/1982	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/11/1984	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/12/1984	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/20/1984	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	10/4/1984	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	10/21/1988	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/9/1994	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/22/1994	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/27/1995	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/10/1995	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/24/1995	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	7/26/1997	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	12/11/1997	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	12/27/1997	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/17/1998	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/23/1998	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/8/1998	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/4/1999	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	190.00	µg/L	60.7	28.3	9.611445847	3.070604015
5439000	8/6/1999	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/13/1999	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/6/2001	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/11/2001	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	10/8/2002	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	10/15/2002	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	10/18/2002	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	10/24/2002	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	4/28/2003	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	230.00	µg/L	60.7	28.3	11.63490813	3.070604015
5439000	8/7/2003	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/26/2003	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	11/13/2003	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	12/3/2003	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/10/2004	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/24/2004	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	10/25/2004	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	7/8/2005	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	7/10/2005	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	11/15/2005	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	2/10/2006	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	7/29/2006	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/6/2006	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/27/2006	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/16/2008	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/7/2008	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/13/2010	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/26/2010	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	11/4/2010	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	11/8/2010	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	11/9/2010	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	11/21/2010	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	12/18/2010	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/19/2011	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/20/2011	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	7/29/2012	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	8/13/2012	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	12/25/2012	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	9/19/2013	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	10/5/2013	1.4	1.4	1.62	9.38	14170	88.3912%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.070604015
5439000	12/20/1925	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	1/3/1926	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/15/1929	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	7/21/1930	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	7/22/1930	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	7/17/1932	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	11/21/1932	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	9/25/1982	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	9/27/1982	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	9/30/1983	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	9/21/1984	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	10/1/1984	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	10/5/1984	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	9/25/1985	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	9/29/1985	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	8/23/1988	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	9/4/1988	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	8/14/1995	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	8/28/1995	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	8/29/1995	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	10/9/1997	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	10/15/1997	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	12/3/1997	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	8/18/1998	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	9/28/1998	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	8/5/1999	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	8/14/1999	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	8/1/2001	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	10/23/2002	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	4/26/2003	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	11/11/2003	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	11/27/2003	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	11/28/2003	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/8/2003	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	2/17/2004	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	8/18/2004	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	9/16/2004	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	7/9/2005	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	7/25/2005	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	150.00	µg/L	60.7	28.3	7.457227975	3.017691587
5439000	8/14/2005	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	11/9/2005	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	9/20/2006	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	12/7/2010	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	12/16/2010	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	12/20/2010	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	12/24/2010	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	7/14/2012	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	8/27/2012	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	9/14/2012	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	10/10/2012	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	8/27/2013	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	9/5/2013	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	11/28/2013	1.3	1.3	1.62	9.22	14259	88.9464%	Zinc	--	µg/L	60.7	28.3	#VALUE!	3.017691587
5439000	11/9/1925	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	8/3/1927	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	8/16/1927	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	8/18/1927	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	9/6/1927	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	10/4/1929	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	10/9/1929	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	10/13/1929	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	7/23/1930	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	7/24/1930	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	7/25/1930	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/18/1930	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	8/19/1930	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	9/8/1930	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	11/26/1930	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	1/2/1931	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	8/9/1931	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	8/28/1931	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	8/9/1933	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	10/2/1982	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	9/22/1984	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	9/16/1985	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	8/16/1988	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	9/3/1991	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	8/30/1995	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	9/25/1995	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	9/30/1995	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	10/14/1995	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	8/22/1997	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	10/19/1997	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	10/24/1997	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	11/8/1997	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	12/2/1997	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	12/4/1997	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	8/22/1998	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	9/9/1998	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	9/23/1998	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	9/7/2000	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	9/17/2001	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	7/22/2002	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	12/22/2002	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	10/16/2003	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/30/2003	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	12/4/2003	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	1/21/2004	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	1/26/2004	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	1/27/2004	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	1/28/2004	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	1/29/2004	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	1/30/2004	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	1/31/2004	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	2/11/2004	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	2/12/2004	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	2/13/2004	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	2/14/2004	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	2/15/2004	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	2/16/2004	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	10/29/2004	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	11/11/2004	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	7/23/2005	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	7/28/2005	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	11/30/2005	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	200.00	µg/L	60.7	28.3	9.76862985	2.964779159
5439000	12/2/2005	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	1/6/2006	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	2/11/2006	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	3/6/2006	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	7/30/2006	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	8/28/2006	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	9/8/2006	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	8/17/2008	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	7/6/2012	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	8/26/2012	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	9/21/2012	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/9/2012	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	10/7/2013	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	12/3/2013	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	9/25/2014	1.2	1.2	1.62	9.06	14312	89.2770%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.964779159
5439000	10/12/1928	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	7/26/1930	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	9/9/1930	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	1/3/1931	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	7/18/1932	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	9/16/1932	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	11/23/1932	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	11/24/1932	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	8/10/1933	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	8/14/1933	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	8/15/1933	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	8/31/1933	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	9/1/1933	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	9/2/1933	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	10/4/1982	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	8/15/1984	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	10/15/1984	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	9/26/1985	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	10/1/1985	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	7/21/1988	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	8/17/1988	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	11/7/1988	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	8/21/1992	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	8/31/1995	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	9/19/1995	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	11/27/1997	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	11/28/1997	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/30/1997	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	8/21/1998	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	9/6/1998	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	8/17/2001	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	8/12/2002	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	8/19/2002	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	9/3/2002	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	9/23/2002	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	10/14/2002	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	11/17/2002	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	11/23/2002	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	11/12/2003	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	11/29/2003	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	1/22/2004	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	1/23/2004	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	1/24/2004	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	1/25/2004	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	2/1/2004	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	2/2/2004	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	2/3/2004	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	2/4/2004	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	2/5/2004	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	2/6/2004	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	2/7/2004	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	2/8/2004	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	2/9/2004	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	2/10/2004	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	910.00	µg/L	60.7	28.3	43.65401525	2.911866731
5439000	8/31/2004	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	9/6/2004	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	10/22/2004	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	11/13/2004	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/23/2005	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	2/12/2006	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	2/16/2006	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	2/17/2006	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	2/18/2006	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	8/29/2006	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	10/13/2006	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	8/18/2008	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	8/23/2008	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	12/19/2010	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	8/2/2012	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	9/16/2012	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	9/20/2012	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	1/18/2013	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	8/14/2013	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	9/26/2014	1.1	1.1	1.62	8.90	14389	89.7573%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.911866731
5439000	7/21/1925	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	8/4/1927	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	8/17/1927	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/7/1927	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/21/1927	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/1/1929	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/2/1929	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/5/1929	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/16/1929	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/18/1929	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/20/1929	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/24/1929	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/26/1929	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	10/8/1929	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	10/10/1929	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/25/1931	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	8/10/1931	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	8/30/1931	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	7/19/1932	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/12/1932	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	12/5/1932	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/26/1982	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	10/3/1982	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	8/28/1988	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/13/1994	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/14/1994	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	12/10/1997	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	12/12/1997	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	12/28/1997	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	12/29/1997	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/24/1998	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	8/30/1999	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/4/2002	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	10/16/2002	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	12/16/2002	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	11/12/2004	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	7/24/2005	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	2/14/2006	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	2/15/2006	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	2/19/2006	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	2/20/2006	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	2/21/2006	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	2/22/2006	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	2/23/2006	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	8/7/2006	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/28/2006	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/20/2008	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/15/2010	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	12/17/2010	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	12/21/2010	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	9/6/2011	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	8/28/2012	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	1/19/2013	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	1/25/2013	1	1	1.62	8.74	14463	90.2190%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.858954304
5439000	10/2/1995	0.99	0.99	1.62	8.72	14517	90.5558%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.853663061
5439000	7/4/1988	0.98	0.98	1.62	8.71	14518	90.5620%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.848371818
5439000	11/3/1988	0.98	0.98	1.62	8.71	14518	90.5620%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.848371818
5439000	10/18/1995	0.97	0.97	1.62	8.69	14520	90.5745%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.843080575
5439000	12/31/1997	0.97	0.97	1.62	8.69	14520	90.5745%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.843080575
5439000	10/27/2003	0.97	0.97	1.62	8.69	14520	90.5745%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.843080575
5439000	2/13/2006	0.97	0.97	1.62	8.69	14520	90.5745%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.843080575
5439000	12/5/1997	0.96	0.96	1.62	8.67	14524	90.5995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.837789332
5439000	12/1/2003	0.96	0.96	1.62	8.67	14524	90.5995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.837789332
5439000	2/24/2006	0.96	0.96	1.62	8.67	14524	90.5995%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.837789332
5439000	8/26/1988	0.95	0.95	1.62	8.66	14527	90.6182%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.83249809
5439000	8/25/1991	0.95	0.95	1.62	8.66	14527	90.6182%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.83249809
5439000	9/9/1994	0.95	0.95	1.62	8.66	14527	90.6182%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.83249809
5439000	12/24/1997	0.95	0.95	1.62	8.66	14527	90.6182%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.83249809
5439000	9/25/1998	0.95	0.95	1.62	8.66	14527	90.6182%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.83249809
5439000	10/26/2004	0.95	0.95	1.62	8.66	14527	90.6182%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.83249809
5439000	9/18/2010	0.95	0.95	1.62	8.66	14527	90.6182%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.83249809
5439000	7/13/2012	0.95	0.95	1.62	8.66	14527	90.6182%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.83249809
5439000	8/7/2012	0.95	0.95	1.62	8.66	14527	90.6182%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.83249809
5439000	11/16/2002	0.94	0.94	1.62	8.64	14536	90.6743%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.827206847
5439000	12/23/2002	0.94	0.94	1.62	8.64	14536	90.6743%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.827206847
5439000	10/2/1985	0.93	0.93	1.62	8.62	14538	90.6868%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.821915604
5439000	10/3/1985	0.93	0.93	1.62	8.62	14538	90.6868%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.821915604

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/24/1992	0.93	0.93	1.62	8.62	14538	90.6868%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.821915604
5439000	8/15/1999	0.93	0.93	1.62	8.62	14538	90.6868%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.821915604
5439000	7/26/2001	0.93	0.93	1.62	8.62	14538	90.6868%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.821915604
5439000	8/14/2004	0.93	0.93	1.62	8.62	14538	90.6868%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.821915604
5439000	11/14/2004	0.93	0.93	1.62	8.62	14538	90.6868%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.821915604
5439000	11/8/1988	0.92	0.92	1.62	8.61	14545	90.7305%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.816624361
5439000	10/21/1996	0.92	0.92	1.62	8.61	14545	90.7305%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.816624361
5439000	1/1/1998	0.92	0.92	1.62	8.61	14545	90.7305%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.816624361
5439000	8/25/2001	0.92	0.92	1.62	8.61	14545	90.7305%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.816624361
5439000	8/19/2008	0.92	0.92	1.62	8.61	14545	90.7305%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.816624361
5439000	8/21/2002	0.91	0.91	1.62	8.59	14550	90.7616%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.811333118
5439000	11/16/2004	0.91	0.91	1.62	8.59	14550	90.7616%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.811333118
5439000	10/6/2006	0.91	0.91	1.62	8.59	14550	90.7616%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.811333118
5439000	7/20/1925	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	7/22/1925	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	11/8/1925	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	12/21/1925	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	9/24/1928	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	10/6/1928	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	10/7/1928	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	10/8/1928	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	10/9/1928	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	9/3/1929	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	9/11/1929	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	10/5/1929	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	10/12/1929	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	8/9/1930	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	8/14/1930	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	8/20/1930	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	8/21/1930	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	8/22/1930	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/10/1930	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	9/11/1930	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	9/12/1930	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	9/13/1930	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	11/27/1930	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	1/4/1931	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	1/5/1931	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	1/6/1931	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	8/26/1931	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	8/27/1931	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	8/29/1931	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	9/11/1931	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	11/22/1932	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	8/6/1933	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	8/7/1933	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	8/16/1933	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	8/18/1933	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	9/3/1933	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	11/10/1997	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	11/24/2002	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	12/31/2005	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	1/7/2006	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	2/25/2006	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	2/26/2006	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	1/20/2013	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	10/19/2013	0.9	0.9	1.62	8.58	14553	90.7804%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.806041876
5439000	11/16/1997	0.89	0.89	1.62	8.56	14597	91.0548%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.800750633
5439000	9/6/2002	0.89	0.89	1.62	8.56	14597	91.0548%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.800750633
5439000	10/13/2002	0.89	0.89	1.62	8.56	14597	91.0548%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.800750633
5439000	11/15/2002	0.89	0.89	1.62	8.56	14597	91.0548%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.800750633
5439000	10/28/2003	0.89	0.89	1.62	8.56	14597	91.0548%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.800750633

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/23/2013	0.89	0.89	1.62	8.56	14597	91.0548%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.800750633
5439000	10/16/1997	0.88	0.88	1.62	8.54	14603	91.0923%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.79545939
5439000	9/12/2003	0.88	0.88	1.62	8.54	14603	91.0923%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.79545939
5439000	2/27/2006	0.88	0.88	1.62	8.54	14603	91.0923%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.79545939
5439000	8/19/2012	0.88	0.88	1.62	8.54	14603	91.0923%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.79545939
5439000	12/26/2012	0.88	0.88	1.62	8.54	14603	91.0923%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.79545939
5439000	10/6/1984	0.87	0.87	1.62	8.53	14608	91.1234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.790168147
5439000	9/11/1995	0.87	0.87	1.62	8.53	14608	91.1234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.790168147
5439000	7/27/1997	0.87	0.87	1.62	8.53	14608	91.1234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.790168147
5439000	10/17/2002	0.87	0.87	1.62	8.53	14608	91.1234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.790168147
5439000	7/31/2006	0.87	0.87	1.62	8.53	14608	91.1234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.790168147
5439000	9/27/2014	0.87	0.87	1.62	8.53	14608	91.1234%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.790168147
5439000	10/13/1984	0.86	0.86	1.62	8.51	14614	91.1609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.784876904
5439000	12/6/1997	0.86	0.86	1.62	8.51	14614	91.1609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.784876904
5439000	9/19/1999	0.86	0.86	1.62	8.51	14614	91.1609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.784876904
5439000	7/27/2001	0.86	0.86	1.62	8.51	14614	91.1609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.784876904
5439000	8/4/2001	0.86	0.86	1.62	8.51	14614	91.1609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.784876904
5439000	9/12/2001	0.86	0.86	1.62	8.51	14614	91.1609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.784876904
5439000	7/24/2002	0.86	0.86	1.62	8.51	14614	91.1609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.784876904
5439000	8/20/2004	0.86	0.86	1.62	8.51	14614	91.1609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.784876904
5439000	9/1/2004	0.86	0.86	1.62	8.51	14614	91.1609%	Zinc	120.00	µg/L	60.7	28.3	5.505522711	2.784876904
5439000	12/23/2010	0.86	0.86	1.62	8.51	14614	91.1609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.784876904
5439000	8/15/2012	0.86	0.86	1.62	8.51	14614	91.1609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.784876904
5439000	9/25/2012	0.86	0.86	1.62	8.51	14614	91.1609%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.784876904
5439000	8/11/1999	0.85	0.85	1.62	8.49	14626	91.2357%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.779585662
5439000	8/22/2001	0.85	0.85	1.62	8.49	14626	91.2357%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.779585662
5439000	8/8/2002	0.85	0.85	1.62	8.49	14626	91.2357%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.779585662
5439000	10/12/2002	0.85	0.85	1.62	8.49	14626	91.2357%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.779585662
5439000	8/2/2006	0.85	0.85	1.62	8.49	14626	91.2357%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.779585662
5439000	10/16/2006	0.85	0.85	1.62	8.49	14626	91.2357%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.779585662
5439000	7/15/2012	0.85	0.85	1.62	8.49	14626	91.2357%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.779585662

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/11/2012	0.85	0.85	1.62	8.49	14626	91.2357%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.779585662
5439000	1/21/2013	0.85	0.85	1.62	8.49	14626	91.2357%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.779585662
5439000	1/24/2013	0.85	0.85	1.62	8.49	14626	91.2357%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.779585662
5439000	10/9/1984	0.84	0.84	1.62	8.48	14636	91.2981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.774294419
5439000	9/5/1988	0.84	0.84	1.62	8.48	14636	91.2981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.774294419
5439000	9/1/1995	0.84	0.84	1.62	8.48	14636	91.2981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.774294419
5439000	8/13/1997	0.84	0.84	1.62	8.48	14636	91.2981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.774294419
5439000	8/20/2001	0.84	0.84	1.62	8.48	14636	91.2981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.774294419
5439000	8/26/2001	0.84	0.84	1.62	8.48	14636	91.2981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.774294419
5439000	9/3/2001	0.84	0.84	1.62	8.48	14636	91.2981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.774294419
5439000	11/17/2004	0.84	0.84	1.62	8.48	14636	91.2981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.774294419
5439000	10/14/2006	0.84	0.84	1.62	8.48	14636	91.2981%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.774294419
5439000	9/13/2003	0.83	0.83	1.62	8.46	14645	91.3543%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.769003176
5439000	2/28/2006	0.83	0.83	1.62	8.46	14645	91.3543%	Zinc	260.00	µg/L	60.7	28.3	11.86063963	2.769003176
5439000	9/16/2010	0.83	0.83	1.62	8.46	14645	91.3543%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.769003176
5439000	9/20/2013	0.83	0.83	1.62	8.46	14645	91.3543%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.769003176
5439000	10/24/2013	0.83	0.83	1.62	8.46	14645	91.3543%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.769003176
5439000	10/8/1984	0.82	0.82	1.62	8.45	14650	91.3854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.763711933
5439000	10/1/2002	0.82	0.82	1.62	8.45	14650	91.3854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.763711933
5439000	3/11/2003	0.82	0.82	1.62	8.45	14650	91.3854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.763711933
5439000	4/29/2003	0.82	0.82	1.62	8.45	14650	91.3854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.763711933
5439000	10/29/2003	0.82	0.82	1.62	8.45	14650	91.3854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.763711933
5439000	11/14/2012	0.82	0.82	1.62	8.45	14650	91.3854%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.763711933
5439000	9/11/2002	0.81	0.81	1.62	8.43	14656	91.4229%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.758420691
5439000	10/11/2002	0.81	0.81	1.62	8.43	14656	91.4229%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.758420691
5439000	11/1/2003	0.81	0.81	1.62	8.43	14656	91.4229%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.758420691
5439000	11/17/2005	0.81	0.81	1.62	8.43	14656	91.4229%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.758420691
5439000	10/17/2010	0.81	0.81	1.62	8.43	14656	91.4229%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.758420691
5439000	11/29/2013	0.81	0.81	1.62	8.43	14656	91.4229%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.758420691
5439000	12/22/1925	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	8/5/1927	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/25/1928	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	9/26/1928	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	9/4/1929	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	9/6/1929	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	10/7/1929	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	7/27/1930	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	8/15/1930	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	1/7/1931	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	1/8/1931	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	3/9/1931	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	7/26/1931	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	7/27/1931	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	8/11/1931	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	8/12/1931	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	9/3/1931	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	8/8/1933	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	8/11/1933	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	8/30/1933	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	9/6/1933	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	9/7/1933	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	9/13/1933	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	10/15/1979	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	7/31/2001	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	8/5/2001	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	7/23/2002	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	11/15/2004	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	1/22/2013	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	1/23/2013	0.8	0.8	1.62	8.41	14662	91.4603%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.753129448
5439000	9/26/2003	0.79	0.79	1.62	8.40	14692	91.6474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.747838205
5439000	10/30/2003	0.79	0.79	1.62	8.40	14692	91.6474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.747838205
5439000	9/9/2004	0.79	0.79	1.62	8.40	14692	91.6474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.747838205

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	7/29/2005	0.79	0.79	1.62	8.40	14692	91.6474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.747838205
5439000	8/15/2005	0.79	0.79	1.62	8.40	14692	91.6474%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.747838205
5439000	9/6/1988	0.78	0.78	1.62	8.38	14697	91.6786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.742546962
5439000	9/26/1995	0.78	0.78	1.62	8.38	14697	91.6786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.742546962
5439000	8/31/1999	0.78	0.78	1.62	8.38	14697	91.6786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.742546962
5439000	8/8/2003	0.78	0.78	1.62	8.38	14697	91.6786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.742546962
5439000	10/17/2003	0.78	0.78	1.62	8.38	14697	91.6786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.742546962
5439000	9/14/2010	0.78	0.78	1.62	8.38	14697	91.6786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.742546962
5439000	9/28/2014	0.78	0.78	1.62	8.38	14697	91.6786%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.742546962
5439000	10/4/1997	0.77	0.77	1.62	8.37	14704	91.7223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.737255719
5439000	12/25/2002	0.77	0.77	1.62	8.37	14704	91.7223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.737255719
5439000	11/27/2005	0.77	0.77	1.62	8.37	14704	91.7223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.737255719
5439000	12/22/2010	0.77	0.77	1.62	8.37	14704	91.7223%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.737255719
5439000	8/23/1992	0.76	0.76	1.62	8.35	14708	91.7472%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.731964477
5439000	11/25/2002	0.76	0.76	1.62	8.35	14708	91.7472%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.731964477
5439000	12/24/2002	0.76	0.76	1.62	8.35	14708	91.7472%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.731964477
5439000	10/31/2003	0.76	0.76	1.62	8.35	14708	91.7472%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.731964477
5439000	10/25/2013	0.76	0.76	1.62	8.35	14708	91.7472%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.731964477
5439000	7/31/1984	0.75	0.75	1.62	8.33	14713	91.7784%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.726673234
5439000	10/14/1988	0.75	0.75	1.62	8.33	14713	91.7784%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.726673234
5439000	3/1/2006	0.75	0.75	1.62	8.33	14713	91.7784%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.726673234
5439000	3/2/2006	0.75	0.75	1.62	8.33	14713	91.7784%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.726673234
5439000	11/30/2013	0.75	0.75	1.62	8.33	14713	91.7784%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.726673234
5439000	12/2/2013	0.75	0.75	1.62	8.33	14713	91.7784%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.726673234
5439000	8/31/1988	0.74	0.74	1.62	8.32	14719	91.8159%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.721381991
5439000	9/15/2004	0.74	0.74	1.62	8.32	14719	91.8159%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.721381991
5439000	9/21/2006	0.74	0.74	1.62	8.32	14719	91.8159%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.721381991
5439000	10/15/2006	0.74	0.74	1.62	8.32	14719	91.8159%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.721381991
5439000	9/13/2012	0.74	0.74	1.62	8.32	14719	91.8159%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.721381991
5439000	10/1/2012	0.74	0.74	1.62	8.32	14719	91.8159%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.721381991
5439000	8/23/1991	0.73	0.73	1.62	8.30	14725	91.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.716090748

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/26/1997	0.73	0.73	1.62	8.30	14725	91.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.716090748
5439000	9/7/2004	0.73	0.73	1.62	8.30	14725	91.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.716090748
5439000	9/17/2004	0.73	0.73	1.62	8.30	14725	91.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.716090748
5439000	10/4/2012	0.73	0.73	1.62	8.30	14725	91.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.716090748
5439000	10/22/2013	0.73	0.73	1.62	8.30	14725	91.8533%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.716090748
5439000	9/5/2001	0.72	0.72	1.62	8.28	14731	91.8907%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.710799505
5439000	9/24/2002	0.72	0.72	1.62	8.28	14731	91.8907%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.710799505
5439000	8/16/2004	0.72	0.72	1.62	8.28	14731	91.8907%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.710799505
5439000	10/30/2012	0.72	0.72	1.62	8.28	14731	91.8907%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.710799505
5439000	8/22/1992	0.71	0.71	1.62	8.27	14735	91.9157%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.705508263
5439000	10/13/1995	0.71	0.71	1.62	8.27	14735	91.9157%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.705508263
5439000	7/17/1925	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	7/18/1925	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	7/19/1925	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	7/23/1925	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	7/24/1925	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	7/31/1925	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	8/1/1925	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	11/7/1925	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	12/23/1925	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	8/19/1927	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	9/8/1927	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	9/16/1927	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	9/22/1927	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	9/27/1928	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	10/10/1928	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	9/7/1929	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	9/17/1929	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	9/21/1929	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	9/22/1929	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	9/23/1929	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/27/1929	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	9/28/1929	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	10/11/1929	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	8/8/1930	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	8/10/1930	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	8/11/1930	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	8/16/1930	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	11/28/1930	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	1/9/1931	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	1/10/1931	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	1/11/1931	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	1/12/1931	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	1/22/1931	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	10/11/1932	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	11/26/1932	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	12/2/1932	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	12/3/1932	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	8/12/1933	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	8/13/1933	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	8/24/1933	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	9/11/1933	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	8/23/1997	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	8/24/1997	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	12/23/1997	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	12/26/2002	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	9/28/2010	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	12/8/2012	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	12/1/2013	0.7	0.7	1.62	8.25	14737	91.9281%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.70021702
5439000	9/13/1998	0.69	0.69	1.62	8.24	14785	92.2276%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.694925777
5439000	8/16/1999	0.69	0.69	1.62	8.24	14785	92.2276%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.694925777
5439000	9/3/2004	0.69	0.69	1.62	8.24	14785	92.2276%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.694925777

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/9/2006	0.69	0.69	1.62	8.24	14785	92.2276%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.694925777
5439000	9/18/2011	0.69	0.69	1.62	8.24	14785	92.2276%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.694925777
5439000	9/19/1988	0.68	0.68	1.62	8.22	14790	92.2587%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.689634534
5439000	9/2/1995	0.68	0.68	1.62	8.22	14790	92.2587%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.689634534
5439000	12/13/1997	0.68	0.68	1.62	8.22	14790	92.2587%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.689634534
5439000	9/20/1999	0.68	0.68	1.62	8.22	14790	92.2587%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.689634534
5439000	7/28/2001	0.68	0.68	1.62	8.22	14790	92.2587%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.689634534
5439000	10/1/2006	0.68	0.68	1.62	8.22	14790	92.2587%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.689634534
5439000	9/11/2012	0.68	0.68	1.62	8.22	14790	92.2587%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.689634534
5439000	10/4/1988	0.67	0.67	1.62	8.20	14797	92.3024%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.684343291
5439000	11/22/1997	0.67	0.67	1.62	8.20	14797	92.3024%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.684343291
5439000	9/12/1999	0.67	0.67	1.62	8.20	14797	92.3024%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.684343291
5439000	11/7/2005	0.67	0.67	1.62	8.20	14797	92.3024%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.684343291
5439000	10/7/2006	0.67	0.67	1.62	8.20	14797	92.3024%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.684343291
5439000	9/17/2010	0.67	0.67	1.62	8.20	14797	92.3024%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.684343291
5439000	10/2/2012	0.67	0.67	1.62	8.20	14797	92.3024%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.684343291
5439000	7/30/1988	0.66	0.66	1.62	8.19	14804	92.3461%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.679052049
5439000	9/3/1999	0.66	0.66	1.62	8.19	14804	92.3461%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.679052049
5439000	8/11/2003	0.66	0.66	1.62	8.19	14804	92.3461%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.679052049
5439000	8/21/2004	0.66	0.66	1.62	8.19	14804	92.3461%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.679052049
5439000	9/2/2004	0.66	0.66	1.62	8.19	14804	92.3461%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.679052049
5439000	9/25/2005	0.66	0.66	1.62	8.19	14804	92.3461%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.679052049
5439000	7/28/1988	0.65	0.65	1.62	8.17	14810	92.3835%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.673760806
5439000	8/21/2001	0.65	0.65	1.62	8.17	14810	92.3835%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.673760806
5439000	9/14/2003	0.65	0.65	1.62	8.17	14810	92.3835%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.673760806
5439000	7/11/2005	0.65	0.65	1.62	8.17	14810	92.3835%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.673760806
5439000	3/3/2006	0.65	0.65	1.62	8.17	14810	92.3835%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.673760806
5439000	8/8/2006	0.65	0.65	1.62	8.17	14810	92.3835%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.673760806
5439000	12/27/2012	0.65	0.65	1.62	8.17	14810	92.3835%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.673760806
5439000	7/3/1988	0.64	0.64	1.62	8.16	14817	92.4272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.668469563
5439000	9/24/1988	0.64	0.64	1.62	8.16	14817	92.4272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.668469563

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/15/1994	0.64	0.64	1.62	8.16	14817	92.4272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.668469563
5439000	11/17/1997	0.64	0.64	1.62	8.16	14817	92.4272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.668469563
5439000	11/26/2002	0.64	0.64	1.62	8.16	14817	92.4272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.668469563
5439000	10/24/2003	0.64	0.64	1.62	8.16	14817	92.4272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.668469563
5439000	11/14/2005	0.64	0.64	1.62	8.16	14817	92.4272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.668469563
5439000	9/27/2010	0.64	0.64	1.62	8.16	14817	92.4272%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.668469563
5439000	8/1/1984	0.63	0.63	1.62	8.14	14825	92.4771%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.66317832
5439000	8/3/1984	0.63	0.63	1.62	8.14	14825	92.4771%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.66317832
5439000	9/22/1988	0.63	0.63	1.62	8.14	14825	92.4771%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.66317832
5439000	8/1/2006	0.63	0.63	1.62	8.14	14825	92.4771%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.66317832
5439000	10/3/1995	0.62	0.62	1.62	8.12	14829	92.5020%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.657887077
5439000	8/11/1997	0.62	0.62	1.62	8.12	14829	92.5020%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.657887077
5439000	10/25/1997	0.62	0.62	1.62	8.12	14829	92.5020%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.657887077
5439000	7/25/2002	0.62	0.62	1.62	8.12	14829	92.5020%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.657887077
5439000	12/15/2002	0.62	0.62	1.62	8.12	14829	92.5020%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.657887077
5439000	8/22/2004	0.62	0.62	1.62	8.12	14829	92.5020%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.657887077
5439000	8/24/2005	0.62	0.62	1.62	8.12	14829	92.5020%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.657887077
5439000	10/8/2006	0.62	0.62	1.62	8.12	14829	92.5020%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.657887077
5439000	11/2/2012	0.62	0.62	1.62	8.12	14829	92.5020%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.657887077
5439000	12/18/2012	0.62	0.62	1.62	8.12	14829	92.5020%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.657887077
5439000	9/3/1995	0.61	0.61	1.62	8.11	14839	92.5644%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.652595835
5439000	8/23/2001	0.61	0.61	1.62	8.11	14839	92.5644%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.652595835
5439000	9/13/2001	0.61	0.61	1.62	8.11	14839	92.5644%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.652595835
5439000	9/29/2006	0.61	0.61	1.62	8.11	14839	92.5644%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.652595835
5439000	10/26/2013	0.61	0.61	1.62	8.11	14839	92.5644%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.652595835
5439000	1/4/2014	0.61	0.61	1.62	8.11	14839	92.5644%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.652595835
5439000	7/25/1925	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	7/26/1925	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	7/27/1925	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/2/1925	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/7/1925	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/8/1925	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/9/1925	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/10/1925	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/11/1925	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/12/1925	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/13/1925	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/14/1925	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	9/14/1925	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	10/2/1925	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	10/26/1925	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	10/30/1925	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	12/24/1925	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/6/1927	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/20/1927	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/21/1927	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	9/23/1927	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	9/28/1928	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	9/29/1928	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	9/30/1928	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	10/6/1929	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	9/14/1930	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/13/1931	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/14/1931	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/19/1931	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	9/4/1931	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	9/6/1931	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	9/8/1931	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	9/12/1931	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	7/20/1932	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/2/1932	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	10/23/1932	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/25/1932	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	11/27/1932	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	11/29/1932	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/19/1933	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/20/1933	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/28/1933	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	9/4/1933	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	9/8/1933	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	9/9/1933	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	9/10/1933	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	9/12/1933	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	7/29/1988	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	9/13/1995	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/14/1997	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/25/1997	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	9/7/1997	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	12/7/1997	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	8/15/2004	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	10/14/2013	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	10/20/2013	0.6	0.6	1.62	8.09	14845	92.6018%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.647304592
5439000	10/1/1997	0.59	0.59	1.62	8.07	14901	92.9512%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.642013349
5439000	11/23/1997	0.59	0.59	1.62	8.07	14901	92.9512%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.642013349
5439000	8/7/2001	0.59	0.59	1.62	8.07	14901	92.9512%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.642013349
5439000	7/26/2002	0.59	0.59	1.62	8.07	14901	92.9512%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.642013349
5439000	12/8/2010	0.59	0.59	1.62	8.07	14901	92.9512%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.642013349
5439000	10/3/2012	0.59	0.59	1.62	8.07	14901	92.9512%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.642013349
5439000	9/18/2013	0.59	0.59	1.62	8.07	14901	92.9512%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.642013349
5439000	8/16/1984	0.58	0.58	1.62	8.06	14908	92.9948%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.636722106
5439000	8/3/1988	0.58	0.58	1.62	8.06	14908	92.9948%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.636722106
5439000	9/7/2002	0.58	0.58	1.62	8.06	14908	92.9948%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.636722106
5439000	9/10/2002	0.58	0.58	1.62	8.06	14908	92.9948%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.636722106

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/10/2002	0.58	0.58	1.62	8.06	14908	92.9948%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.636722106
5439000	10/18/2003	0.58	0.58	1.62	8.06	14908	92.9948%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.636722106
5439000	7/30/2005	0.58	0.58	1.62	8.06	14908	92.9948%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.636722106
5439000	3/5/2006	0.58	0.58	1.62	8.06	14908	92.9948%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.636722106
5439000	9/29/2014	0.58	0.58	1.62	8.06	14908	92.9948%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.636722106
5439000	11/21/1997	0.57	0.57	1.62	8.04	14917	93.0510%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.631430864
5439000	12/14/1997	0.57	0.57	1.62	8.04	14917	93.0510%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.631430864
5439000	12/27/2002	0.57	0.57	1.62	8.04	14917	93.0510%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.631430864
5439000	10/19/2003	0.57	0.57	1.62	8.04	14917	93.0510%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.631430864
5439000	9/26/2005	0.57	0.57	1.62	8.04	14917	93.0510%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.631430864
5439000	10/9/2006	0.57	0.57	1.62	8.04	14917	93.0510%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.631430864
5439000	9/21/2011	0.57	0.57	1.62	8.04	14917	93.0510%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.631430864
5439000	9/17/2013	0.57	0.57	1.62	8.04	14917	93.0510%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.631430864
5439000	10/25/1988	0.56	0.56	1.62	8.03	14925	93.1009%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.626139621
5439000	11/24/1997	0.56	0.56	1.62	8.03	14925	93.1009%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.626139621
5439000	8/24/2001	0.56	0.56	1.62	8.03	14925	93.1009%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.626139621
5439000	9/14/2002	0.56	0.56	1.62	8.03	14925	93.1009%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.626139621
5439000	8/9/2003	0.56	0.56	1.62	8.03	14925	93.1009%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.626139621
5439000	8/22/2003	0.56	0.56	1.62	8.03	14925	93.1009%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.626139621
5439000	8/23/2004	0.56	0.56	1.62	8.03	14925	93.1009%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.626139621
5439000	8/16/2005	0.56	0.56	1.62	8.03	14925	93.1009%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.626139621
5439000	9/7/2011	0.56	0.56	1.62	8.03	14925	93.1009%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.626139621
5439000	8/15/2013	0.56	0.56	1.62	8.03	14925	93.1009%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.626139621
5439000	10/21/2013	0.56	0.56	1.62	8.03	14925	93.1009%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.626139621
5439000	9/27/1995	0.55	0.55	1.62	8.01	14936	93.1695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.620848378
5439000	8/12/1997	0.55	0.55	1.62	8.01	14936	93.1695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.620848378
5439000	11/18/1997	0.55	0.55	1.62	8.01	14936	93.1695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.620848378
5439000	9/11/1998	0.55	0.55	1.62	8.01	14936	93.1695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.620848378
5439000	9/25/2002	0.55	0.55	1.62	8.01	14936	93.1695%	Zinc	280.00	µg/L	60.7	28.3	12.08958066	2.620848378
5439000	8/20/2012	0.55	0.55	1.62	8.01	14936	93.1695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.620848378
5439000	9/30/2012	0.55	0.55	1.62	8.01	14936	93.1695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.620848378

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/25/2013	0.55	0.55	1.62	8.01	14936	93.1695%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.620848378
5439000	12/22/1997	0.54	0.54	1.62	7.99	14944	93.2194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.615557135
5439000	9/8/2002	0.54	0.54	1.62	7.99	14944	93.2194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.615557135
5439000	9/12/2002	0.54	0.54	1.62	7.99	14944	93.2194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.615557135
5439000	11/27/2002	0.54	0.54	1.62	7.99	14944	93.2194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.615557135
5439000	1/8/2006	0.54	0.54	1.62	7.99	14944	93.2194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.615557135
5439000	10/2/2010	0.54	0.54	1.62	7.99	14944	93.2194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.615557135
5439000	12/28/2012	0.54	0.54	1.62	7.99	14944	93.2194%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.615557135
5439000	9/16/1994	0.53	0.53	1.62	7.98	14951	93.2631%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.610265892
5439000	7/28/1997	0.53	0.53	1.62	7.98	14951	93.2631%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.610265892
5439000	9/1/1999	0.53	0.53	1.62	7.98	14951	93.2631%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.610265892
5439000	8/27/2001	0.53	0.53	1.62	7.98	14951	93.2631%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.610265892
5439000	10/27/2004	0.53	0.53	1.62	7.98	14951	93.2631%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.610265892
5439000	10/3/2010	0.53	0.53	1.62	7.98	14951	93.2631%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.610265892
5439000	9/21/2013	0.53	0.53	1.62	7.98	14951	93.2631%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.610265892
5439000	8/2/1984	0.52	0.52	1.62	7.96	14958	93.3067%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.60497465
5439000	7/27/1988	0.52	0.52	1.62	7.96	14958	93.3067%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.60497465
5439000	10/22/1988	0.52	0.52	1.62	7.96	14958	93.3067%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.60497465
5439000	11/19/1997	0.52	0.52	1.62	7.96	14958	93.3067%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.60497465
5439000	9/14/2001	0.52	0.52	1.62	7.96	14958	93.3067%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.60497465
5439000	9/16/2001	0.52	0.52	1.62	7.96	14958	93.3067%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.60497465
5439000	12/14/2002	0.52	0.52	1.62	7.96	14958	93.3067%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.60497465
5439000	9/4/2004	0.52	0.52	1.62	7.96	14958	93.3067%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.60497465
5439000	10/14/2004	0.52	0.52	1.62	7.96	14958	93.3067%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.60497465
5439000	3/4/2006	0.52	0.52	1.62	7.96	14958	93.3067%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.60497465
5439000	9/30/2006	0.52	0.52	1.62	7.96	14958	93.3067%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.60497465
5439000	9/30/2014	0.52	0.52	1.62	7.96	14958	93.3067%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.60497465
5439000	10/15/1988	0.51	0.51	1.62	7.95	14970	93.3816%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.599683407
5439000	10/20/1988	0.51	0.51	1.62	7.95	14970	93.3816%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.599683407
5439000	10/18/1997	0.51	0.51	1.62	7.95	14970	93.3816%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.599683407
5439000	11/9/1997	0.51	0.51	1.62	7.95	14970	93.3816%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.599683407

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/20/1997	0.51	0.51	1.62	7.95	14970	93.3816%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.599683407
5439000	12/9/1997	0.51	0.51	1.62	7.95	14970	93.3816%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.599683407
5439000	8/10/2003	0.51	0.51	1.62	7.95	14970	93.3816%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.599683407
5439000	1/27/2006	0.51	0.51	1.62	7.95	14970	93.3816%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.599683407
5439000	12/29/2012	0.51	0.51	1.62	7.95	14970	93.3816%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.599683407
5439000	7/28/1925	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	7/29/1925	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	9/11/1925	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	10/25/1925	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	9/9/1927	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	9/11/1927	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	9/17/1927	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	10/1/1928	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	10/11/1928	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	8/5/1930	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	8/23/1930	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	1/13/1931	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	7/28/1931	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	7/29/1931	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	7/30/1931	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	7/31/1931	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	8/1/1931	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	8/2/1931	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	8/3/1931	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	8/4/1931	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	8/8/1931	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	8/15/1931	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	8/16/1931	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	9/10/1931	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	7/21/1932	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	9/1/1932	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/17/1932	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	10/12/1932	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	10/16/1932	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	10/24/1932	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	11/28/1932	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	11/30/1932	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	12/1/1932	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	8/21/1933	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	9/5/1933	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	9/14/1933	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	9/27/1933	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	9/16/1995	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	11/25/1997	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	9/2/1999	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	9/15/2001	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	9/26/2002	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	12/28/2002	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	10/20/2003	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	10/10/2006	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	9/6/2013	0.5	0.5	1.62	7.93	14979	93.4377%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.594392164
5439000	11/1/1988	0.49	0.49	1.62	7.91	15025	93.7247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.589100921
5439000	9/12/1995	0.49	0.49	1.62	7.91	15025	93.7247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.589100921
5439000	12/20/1997	0.49	0.49	1.62	7.91	15025	93.7247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.589100921
5439000	7/29/2001	0.49	0.49	1.62	7.91	15025	93.7247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.589100921
5439000	8/20/2002	0.49	0.49	1.62	7.91	15025	93.7247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.589100921
5439000	9/8/2004	0.49	0.49	1.62	7.91	15025	93.7247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.589100921
5439000	9/24/2005	0.49	0.49	1.62	7.91	15025	93.7247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.589100921
5439000	9/27/2005	0.49	0.49	1.62	7.91	15025	93.7247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.589100921
5439000	12/11/2012	0.49	0.49	1.62	7.91	15025	93.7247%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.589100921
5439000	8/4/1988	0.48	0.48	1.62	7.90	15034	93.7808%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.583809678
5439000	7/29/1997	0.48	0.48	1.62	7.90	15034	93.7808%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.583809678

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/15/1997	0.48	0.48	1.62	7.90	15034	93.7808%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.583809678
5439000	8/12/2003	0.48	0.48	1.62	7.90	15034	93.7808%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.583809678
5439000	7/12/2005	0.48	0.48	1.62	7.90	15034	93.7808%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.583809678
5439000	8/19/2006	0.48	0.48	1.62	7.90	15034	93.7808%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.583809678
5439000	9/8/2011	0.48	0.48	1.62	7.90	15034	93.7808%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.583809678
5439000	12/6/2013	0.48	0.48	1.62	7.90	15034	93.7808%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.583809678
5439000	8/18/1992	0.47	0.47	1.62	7.88	15042	93.8307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.578518436
5439000	12/8/1997	0.47	0.47	1.62	7.88	15042	93.8307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.578518436
5439000	12/21/1997	0.47	0.47	1.62	7.88	15042	93.8307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.578518436
5439000	8/9/2002	0.47	0.47	1.62	7.88	15042	93.8307%	Zinc	170.00	µg/L	60.7	28.3	7.221550808	2.578518436
5439000	12/13/2002	0.47	0.47	1.62	7.88	15042	93.8307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.578518436
5439000	11/18/2005	0.47	0.47	1.62	7.88	15042	93.8307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.578518436
5439000	8/28/2013	0.47	0.47	1.62	7.88	15042	93.8307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.578518436
5439000	12/26/2013	0.47	0.47	1.62	7.88	15042	93.8307%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.578518436
5439000	7/26/1988	0.46	0.46	1.62	7.86	15050	93.8806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.573227193
5439000	8/2/1988	0.46	0.46	1.62	7.86	15050	93.8806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.573227193
5439000	11/2/1988	0.46	0.46	1.62	7.86	15050	93.8806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.573227193
5439000	12/16/1997	0.46	0.46	1.62	7.86	15050	93.8806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.573227193
5439000	8/19/1999	0.46	0.46	1.62	7.86	15050	93.8806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.573227193
5439000	3/10/2003	0.46	0.46	1.62	7.86	15050	93.8806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.573227193
5439000	10/23/2003	0.46	0.46	1.62	7.86	15050	93.8806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.573227193
5439000	9/18/2004	0.46	0.46	1.62	7.86	15050	93.8806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.573227193
5439000	8/11/2005	0.46	0.46	1.62	7.86	15050	93.8806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.573227193
5439000	8/11/2006	0.46	0.46	1.62	7.86	15050	93.8806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.573227193
5439000	10/4/2010	0.46	0.46	1.62	7.86	15050	93.8806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.573227193
5439000	7/16/2012	0.46	0.46	1.62	7.86	15050	93.8806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.573227193
5439000	8/16/2013	0.46	0.46	1.62	7.86	15050	93.8806%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.573227193
5439000	10/14/1984	0.45	0.45	1.62	7.85	15063	93.9617%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.56793595
5439000	7/7/1988	0.45	0.45	1.62	7.85	15063	93.9617%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.56793595
5439000	7/16/1988	0.45	0.45	1.62	7.85	15063	93.9617%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.56793595
5439000	9/3/1988	0.45	0.45	1.62	7.85	15063	93.9617%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.56793595

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/17/1995	0.45	0.45	1.62	7.85	15063	93.9617%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.56793595
5439000	12/15/1997	0.45	0.45	1.62	7.85	15063	93.9617%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.56793595
5439000	9/14/1999	0.45	0.45	1.62	7.85	15063	93.9617%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.56793595
5439000	8/10/2001	0.45	0.45	1.62	7.85	15063	93.9617%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.56793595
5439000	8/2/2002	0.45	0.45	1.62	7.85	15063	93.9617%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.56793595
5439000	11/28/2002	0.45	0.45	1.62	7.85	15063	93.9617%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.56793595
5439000	12/3/2005	0.45	0.45	1.62	7.85	15063	93.9617%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.56793595
5439000	8/10/2006	0.45	0.45	1.62	7.85	15063	93.9617%	Zinc	27.00	µg/L	60.7	28.3	1.142244986	2.56793595
5439000	8/24/2008	0.45	0.45	1.62	7.85	15063	93.9617%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.56793595
5439000	7/30/2012	0.45	0.45	1.62	7.85	15063	93.9617%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.56793595
5439000	1/3/2013	0.45	0.45	1.62	7.85	15063	93.9617%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.56793595
5439000	9/29/2013	0.45	0.45	1.62	7.85	15063	93.9617%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.56793595
5439000	10/3/2005	0.44	0.44	1.62	7.83	15079	94.0615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.562644707
5439000	9/10/2011	0.44	0.44	1.62	7.83	15079	94.0615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.562644707
5439000	11/15/2012	0.44	0.44	1.62	7.83	15079	94.0615%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.562644707
5439000	7/31/1988	0.43	0.43	1.62	7.82	15082	94.0802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.557353464
5439000	10/19/1988	0.43	0.43	1.62	7.82	15082	94.0802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.557353464
5439000	9/18/1995	0.43	0.43	1.62	7.82	15082	94.0802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.557353464
5439000	9/28/1995	0.43	0.43	1.62	7.82	15082	94.0802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.557353464
5439000	11/11/1997	0.43	0.43	1.62	7.82	15082	94.0802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.557353464
5439000	8/20/1999	0.43	0.43	1.62	7.82	15082	94.0802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.557353464
5439000	12/10/2010	0.43	0.43	1.62	7.82	15082	94.0802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.557353464
5439000	10/27/2013	0.43	0.43	1.62	7.82	15082	94.0802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.557353464
5439000	1/5/2014	0.43	0.43	1.62	7.82	15082	94.0802%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.557353464
5439000	9/23/1988	0.42	0.42	1.62	7.80	15091	94.1364%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.552062222
5439000	10/12/1995	0.42	0.42	1.62	7.80	15091	94.1364%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.552062222
5439000	8/9/2001	0.42	0.42	1.62	7.80	15091	94.1364%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.552062222
5439000	12/12/2002	0.42	0.42	1.62	7.80	15091	94.1364%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.552062222
5439000	12/29/2002	0.42	0.42	1.62	7.80	15091	94.1364%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.552062222
5439000	10/21/2003	0.42	0.42	1.62	7.80	15091	94.1364%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.552062222
5439000	7/13/2005	0.42	0.42	1.62	7.80	15091	94.1364%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.552062222

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/3/2012	0.42	0.42	1.62	7.80	15091	94.1364%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.552062222
5439000	8/21/2012	0.42	0.42	1.62	7.80	15091	94.1364%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.552062222
5439000	8/18/2013	0.42	0.42	1.62	7.80	15091	94.1364%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.552062222
5439000	10/1/2014	0.42	0.42	1.62	7.80	15091	94.1364%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.552062222
5439000	10/28/1988	0.41	0.41	1.62	7.78	15102	94.2050%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.546770979
5439000	8/16/1991	0.41	0.41	1.62	7.78	15102	94.2050%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.546770979
5439000	9/4/1995	0.41	0.41	1.62	7.78	15102	94.2050%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.546770979
5439000	9/15/1995	0.41	0.41	1.62	7.78	15102	94.2050%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.546770979
5439000	12/17/1997	0.41	0.41	1.62	7.78	15102	94.2050%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.546770979
5439000	12/18/1997	0.41	0.41	1.62	7.78	15102	94.2050%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.546770979
5439000	8/8/2001	0.41	0.41	1.62	7.78	15102	94.2050%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.546770979
5439000	9/9/2002	0.41	0.41	1.62	7.78	15102	94.2050%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.546770979
5439000	9/27/2002	0.41	0.41	1.62	7.78	15102	94.2050%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.546770979
5439000	10/8/2004	0.41	0.41	1.62	7.78	15102	94.2050%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.546770979
5439000	10/8/2013	0.41	0.41	1.62	7.78	15102	94.2050%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.546770979
5439000	7/30/1925	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	8/5/1925	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	8/6/1925	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	9/12/1925	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	9/13/1925	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	9/30/1925	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	10/31/1925	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	11/1/1925	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	11/3/1925	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	11/5/1925	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	12/25/1925	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	9/27/1927	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	10/2/1928	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	10/3/1928	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	10/4/1928	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	8/3/1930	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/4/1930	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	8/12/1930	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	8/13/1930	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	1/14/1931	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	1/15/1931	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	9/9/1931	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	10/7/1931	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	7/22/1932	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	10/13/1932	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	10/14/1932	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	10/15/1932	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	10/17/1932	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	10/18/1932	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	10/19/1932	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	10/20/1932	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	10/21/1932	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	10/22/1932	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	8/22/1933	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	8/23/1933	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	8/25/1933	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	8/26/1933	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	8/27/1933	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	8/29/1933	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	9/26/1933	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	9/28/1933	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	9/16/1988	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	9/5/1995	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	9/18/1997	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	8/28/2001	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	11/13/2005	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	12/30/2005	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/9/2006	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	8/19/2013	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	10/29/2013	0.4	0.4	1.62	7.77	15113	94.2736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.541479736
5439000	10/26/1988	0.39	0.39	1.62	7.75	15163	94.5855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.536188493
5439000	9/17/1994	0.39	0.39	1.62	7.75	15163	94.5855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.536188493
5439000	9/6/1995	0.39	0.39	1.62	7.75	15163	94.5855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.536188493
5439000	10/8/1997	0.39	0.39	1.62	7.75	15163	94.5855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.536188493
5439000	9/13/2002	0.39	0.39	1.62	7.75	15163	94.5855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.536188493
5439000	12/11/2002	0.39	0.39	1.62	7.75	15163	94.5855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.536188493
5439000	9/20/2005	0.39	0.39	1.62	7.75	15163	94.5855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.536188493
5439000	9/29/2010	0.39	0.39	1.62	7.75	15163	94.5855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.536188493
5439000	9/26/2012	0.39	0.39	1.62	7.75	15163	94.5855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.536188493
5439000	10/28/2013	0.39	0.39	1.62	7.75	15163	94.5855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.536188493
5439000	10/4/1995	0.38	0.38	1.62	7.73	15173	94.6479%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.53089725
5439000	8/6/1997	0.38	0.38	1.62	7.73	15173	94.6479%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.53089725
5439000	12/19/1997	0.38	0.38	1.62	7.73	15173	94.6479%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.53089725
5439000	9/12/1998	0.38	0.38	1.62	7.73	15173	94.6479%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.53089725
5439000	9/4/1999	0.38	0.38	1.62	7.73	15173	94.6479%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.53089725
5439000	9/29/2002	0.38	0.38	1.62	7.73	15173	94.6479%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.53089725
5439000	7/31/2005	0.38	0.38	1.62	7.73	15173	94.6479%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.53089725
5439000	8/17/2005	0.38	0.38	1.62	7.73	15173	94.6479%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.53089725
5439000	10/4/2005	0.38	0.38	1.62	7.73	15173	94.6479%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.53089725
5439000	9/18/1994	0.37	0.37	1.62	7.72	15182	94.7040%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.525606008
5439000	9/14/1995	0.37	0.37	1.62	7.72	15182	94.7040%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.525606008
5439000	9/23/1997	0.37	0.37	1.62	7.72	15182	94.7040%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.525606008
5439000	10/2/1997	0.37	0.37	1.62	7.72	15182	94.7040%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.525606008
5439000	10/21/1997	0.37	0.37	1.62	7.72	15182	94.7040%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.525606008
5439000	8/11/2001	0.37	0.37	1.62	7.72	15182	94.7040%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.525606008
5439000	8/31/2001	0.37	0.37	1.62	7.72	15182	94.7040%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.525606008
5439000	11/29/2002	0.37	0.37	1.62	7.72	15182	94.7040%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.525606008
5439000	12/30/2002	0.37	0.37	1.62	7.72	15182	94.7040%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.525606008

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/19/2004	0.37	0.37	1.62	7.72	15182	94.7040%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.525606008
5439000	11/19/2005	0.37	0.37	1.62	7.72	15182	94.7040%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.525606008
5439000	9/7/2013	0.37	0.37	1.62	7.72	15182	94.7040%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.525606008
5439000	1/3/2014	0.37	0.37	1.62	7.72	15182	94.7040%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.525606008
5439000	8/27/1997	0.36	0.36	1.62	7.70	15195	94.7851%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.520314765
5439000	11/12/1997	0.36	0.36	1.62	7.70	15195	94.7851%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.520314765
5439000	9/28/2002	0.36	0.36	1.62	7.70	15195	94.7851%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.520314765
5439000	8/9/2006	0.36	0.36	1.62	7.70	15195	94.7851%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.520314765
5439000	10/31/2012	0.36	0.36	1.62	7.70	15195	94.7851%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.520314765
5439000	7/10/1988	0.35	0.35	1.62	7.69	15200	94.8163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.515023522
5439000	8/30/1988	0.35	0.35	1.62	7.69	15200	94.8163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.515023522
5439000	8/17/1999	0.35	0.35	1.62	7.69	15200	94.8163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.515023522
5439000	8/12/2001	0.35	0.35	1.62	7.69	15200	94.8163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.515023522
5439000	9/30/2002	0.35	0.35	1.62	7.69	15200	94.8163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.515023522
5439000	12/10/2002	0.35	0.35	1.62	7.69	15200	94.8163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.515023522
5439000	10/22/2003	0.35	0.35	1.62	7.69	15200	94.8163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.515023522
5439000	8/30/2006	0.35	0.35	1.62	7.69	15200	94.8163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.515023522
5439000	9/28/2012	0.35	0.35	1.62	7.69	15200	94.8163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.515023522
5439000	9/29/2012	0.35	0.35	1.62	7.69	15200	94.8163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.515023522
5439000	10/16/2013	0.35	0.35	1.62	7.69	15200	94.8163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.515023522
5439000	12/10/2013	0.35	0.35	1.62	7.69	15200	94.8163%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.515023522
5439000	7/30/1997	0.34	0.34	1.62	7.67	15212	94.8911%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.509732279
5439000	8/10/1997	0.34	0.34	1.62	7.67	15212	94.8911%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.509732279
5439000	9/5/1999	0.34	0.34	1.62	7.67	15212	94.8911%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.509732279
5439000	10/1/2004	0.34	0.34	1.62	7.67	15212	94.8911%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.509732279
5439000	8/28/2008	0.34	0.34	1.62	7.67	15212	94.8911%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.509732279
5439000	9/22/2013	0.34	0.34	1.62	7.67	15212	94.8911%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.509732279
5439000	10/27/1988	0.33	0.33	1.62	7.65	15218	94.9286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.504441037
5439000	10/29/1988	0.33	0.33	1.62	7.65	15218	94.9286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.504441037
5439000	8/30/1997	0.33	0.33	1.62	7.65	15218	94.9286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.504441037
5439000	8/31/1997	0.33	0.33	1.62	7.65	15218	94.9286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.504441037

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/2/1997	0.33	0.33	1.62	7.65	15218	94.9286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.504441037
5439000	9/24/1997	0.33	0.33	1.62	7.65	15218	94.9286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.504441037
5439000	8/10/2002	0.33	0.33	1.62	7.65	15218	94.9286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.504441037
5439000	9/20/2004	0.33	0.33	1.62	7.65	15218	94.9286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.504441037
5439000	9/11/2011	0.33	0.33	1.62	7.65	15218	94.9286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.504441037
5439000	9/27/2012	0.33	0.33	1.62	7.65	15218	94.9286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.504441037
5439000	11/3/2012	0.33	0.33	1.62	7.65	15218	94.9286%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.504441037
5439000	8/7/1997	0.32	0.32	1.62	7.64	15229	94.9972%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.499149794
5439000	8/26/1997	0.32	0.32	1.62	7.64	15229	94.9972%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.499149794
5439000	10/5/1997	0.32	0.32	1.62	7.64	15229	94.9972%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.499149794
5439000	9/21/1999	0.32	0.32	1.62	7.64	15229	94.9972%	Zinc	430.00	µg/L	60.7	28.3	17.70402655	2.499149794
5439000	8/11/2002	0.32	0.32	1.62	7.64	15229	94.9972%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.499149794
5439000	12/31/2002	0.32	0.32	1.62	7.64	15229	94.9972%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.499149794
5439000	10/28/2004	0.32	0.32	1.62	7.64	15229	94.9972%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.499149794
5439000	7/16/2005	0.32	0.32	1.62	7.64	15229	94.9972%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.499149794
5439000	11/8/2005	0.32	0.32	1.62	7.64	15229	94.9972%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.499149794
5439000	8/29/2008	0.32	0.32	1.62	7.64	15229	94.9972%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.499149794
5439000	12/19/2012	0.32	0.32	1.62	7.64	15229	94.9972%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.499149794
5439000	8/17/2013	0.32	0.32	1.62	7.64	15229	94.9972%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.499149794
5439000	9/8/2013	0.32	0.32	1.62	7.64	15229	94.9972%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.499149794
5439000	9/9/2013	0.32	0.32	1.62	7.64	15229	94.9972%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.499149794
5439000	8/20/1992	0.31	0.31	1.62	7.62	15243	95.0845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.493858551
5439000	8/28/1997	0.31	0.31	1.62	7.62	15243	95.0845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.493858551
5439000	9/4/1997	0.31	0.31	1.62	7.62	15243	95.0845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.493858551
5439000	9/15/1997	0.31	0.31	1.62	7.62	15243	95.0845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.493858551
5439000	9/30/1997	0.31	0.31	1.62	7.62	15243	95.0845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.493858551
5439000	10/3/1997	0.31	0.31	1.62	7.62	15243	95.0845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.493858551
5439000	8/15/2001	0.31	0.31	1.62	7.62	15243	95.0845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.493858551
5439000	9/12/2004	0.31	0.31	1.62	7.62	15243	95.0845%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.493858551
5439000	8/3/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/4/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/15/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/16/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/19/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/21/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/22/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/23/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/24/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/25/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/26/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/27/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/28/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/29/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/30/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/31/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/1/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/2/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/3/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/4/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/5/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/6/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/7/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/8/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/10/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/15/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/16/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/19/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	10/1/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	10/7/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	10/24/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	11/2/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	11/6/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/26/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	12/27/1925	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/23/1927	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/10/1927	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/12/1927	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/13/1927	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/14/1927	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/19/1927	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/24/1927	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/25/1927	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/12/1929	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	7/28/1930	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/6/1930	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/1/1930	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/15/1930	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	1/16/1931	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	1/17/1931	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	1/18/1931	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	1/19/1931	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	1/20/1931	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	1/21/1931	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/20/1931	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/13/1931	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	7/23/1932	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	7/24/1932	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	7/25/1932	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	7/26/1932	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/13/1932	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/14/1932	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/15/1932	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/27/1932	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/29/1932	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/2/1932	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/3/1932	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/18/1932	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/19/1932	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/20/1932	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	10/5/1932	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/19/1933	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/25/1933	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/29/1933	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	10/16/1933	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	10/22/1933	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	10/23/1933	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	10/24/1933	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	10/26/1933	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	7/11/1988	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	7/22/1988	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/19/1994	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/29/1997	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/29/1997	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	8/29/2001	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	12/9/2002	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/2/2003	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	11/20/2005	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	11/1/2012	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	12/12/2013	0.3	0.3	1.62	7.61	15251	95.1344%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.488567308
5439000	9/10/1988	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	9/18/1988	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	10/5/1988	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	8/9/1997	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	9/5/1997	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/27/1997	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	9/28/1997	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	8/13/2001	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	8/30/2001	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	12/8/2002	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	9/15/2003	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	9/28/2003	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	7/14/2005	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	1/10/2006	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	9/9/2011	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	9/12/2012	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	11/16/2012	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	12/30/2012	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	1/9/2013	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	12/27/2013	0.29	0.29	1.62	7.59	15341	95.6958%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.483276065
5439000	10/21/1933	0.28	0.28	1.62	7.57	15361	95.8206%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.477984823
5439000	9/3/1997	0.28	0.28	1.62	7.57	15361	95.8206%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.477984823
5439000	10/22/1997	0.28	0.28	1.62	7.57	15361	95.8206%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.477984823
5439000	8/21/1999	0.28	0.28	1.62	7.57	15361	95.8206%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.477984823
5439000	8/14/2001	0.28	0.28	1.62	7.57	15361	95.8206%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.477984823
5439000	9/1/2001	0.28	0.28	1.62	7.57	15361	95.8206%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.477984823
5439000	9/15/2002	0.28	0.28	1.62	7.57	15361	95.8206%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.477984823
5439000	11/30/2002	0.28	0.28	1.62	7.57	15361	95.8206%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.477984823
5439000	1/1/2003	0.28	0.28	1.62	7.57	15361	95.8206%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.477984823
5439000	9/10/2004	0.28	0.28	1.62	7.57	15361	95.8206%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.477984823
5439000	9/19/2005	0.28	0.28	1.62	7.57	15361	95.8206%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.477984823
5439000	9/12/2011	0.28	0.28	1.62	7.57	15361	95.8206%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.477984823
5439000	12/28/2013	0.28	0.28	1.62	7.57	15361	95.8206%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.477984823
5439000	10/2/2014	0.28	0.28	1.62	7.57	15361	95.8206%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.477984823
5439000	7/9/1988	0.27	0.27	1.62	7.56	15375	95.9079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.47269358
5439000	9/6/1997	0.27	0.27	1.62	7.56	15375	95.9079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.47269358

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/10/1997	0.27	0.27	1.62	7.56	15375	95.9079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.47269358
5439000	9/6/1999	0.27	0.27	1.62	7.56	15375	95.9079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.47269358
5439000	9/2/2001	0.27	0.27	1.62	7.56	15375	95.9079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.47269358
5439000	12/7/2002	0.27	0.27	1.62	7.56	15375	95.9079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.47269358
5439000	9/21/2004	0.27	0.27	1.62	7.56	15375	95.9079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.47269358
5439000	10/9/2004	0.27	0.27	1.62	7.56	15375	95.9079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.47269358
5439000	12/4/2005	0.27	0.27	1.62	7.56	15375	95.9079%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.47269358
5439000	8/18/1999	0.26	0.26	1.62	7.54	15384	95.9641%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.467402337
5439000	3/9/2003	0.26	0.26	1.62	7.54	15384	95.9641%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.467402337
5439000	9/1/2003	0.26	0.26	1.62	7.54	15384	95.9641%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.467402337
5439000	7/15/2005	0.26	0.26	1.62	7.54	15384	95.9641%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.467402337
5439000	8/12/2006	0.26	0.26	1.62	7.54	15384	95.9641%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.467402337
5439000	10/8/2010	0.26	0.26	1.62	7.54	15384	95.9641%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.467402337
5439000	8/9/2012	0.26	0.26	1.62	7.54	15384	95.9641%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.467402337
5439000	10/5/2012	0.26	0.26	1.62	7.54	15384	95.9641%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.467402337
5439000	9/23/2013	0.26	0.26	1.62	7.54	15384	95.9641%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.467402337
5439000	10/9/2013	0.26	0.26	1.62	7.54	15384	95.9641%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.467402337
5439000	12/29/2013	0.26	0.26	1.62	7.54	15384	95.9641%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.467402337
5439000	8/5/1997	0.25	0.25	1.62	7.52	15395	96.0327%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.462111094
5439000	10/23/1997	0.25	0.25	1.62	7.52	15395	96.0327%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.462111094
5439000	11/13/1997	0.25	0.25	1.62	7.52	15395	96.0327%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.462111094
5439000	12/1/2002	0.25	0.25	1.62	7.52	15395	96.0327%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.462111094
5439000	1/2/2003	0.25	0.25	1.62	7.52	15395	96.0327%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.462111094
5439000	7/17/2005	0.25	0.25	1.62	7.52	15395	96.0327%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.462111094
5439000	8/25/2005	0.25	0.25	1.62	7.52	15395	96.0327%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.462111094
5439000	9/28/2005	0.25	0.25	1.62	7.52	15395	96.0327%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.462111094
5439000	1/11/2006	0.25	0.25	1.62	7.52	15395	96.0327%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.462111094
5439000	7/17/2012	0.25	0.25	1.62	7.52	15395	96.0327%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.462111094
5439000	8/8/2012	0.25	0.25	1.62	7.52	15395	96.0327%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.462111094
5439000	9/30/2013	0.25	0.25	1.62	7.52	15395	96.0327%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.462111094
5439000	8/5/1988	0.24	0.24	1.62	7.51	15407	96.1075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.456819851

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/8/1997	0.24	0.24	1.62	7.51	15407	96.1075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.456819851
5439000	9/8/1999	0.24	0.24	1.62	7.51	15407	96.1075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.456819851
5439000	9/16/1999	0.24	0.24	1.62	7.51	15407	96.1075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.456819851
5439000	12/6/2002	0.24	0.24	1.62	7.51	15407	96.1075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.456819851
5439000	8/13/2003	0.24	0.24	1.62	7.51	15407	96.1075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.456819851
5439000	8/23/2003	0.24	0.24	1.62	7.51	15407	96.1075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.456819851
5439000	9/11/2004	0.24	0.24	1.62	7.51	15407	96.1075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.456819851
5439000	9/13/2004	0.24	0.24	1.62	7.51	15407	96.1075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.456819851
5439000	8/1/2005	0.24	0.24	1.62	7.51	15407	96.1075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.456819851
5439000	8/26/2005	0.24	0.24	1.62	7.51	15407	96.1075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.456819851
5439000	11/21/2005	0.24	0.24	1.62	7.51	15407	96.1075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.456819851
5439000	8/20/2006	0.24	0.24	1.62	7.51	15407	96.1075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.456819851
5439000	11/4/2012	0.24	0.24	1.62	7.51	15407	96.1075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.456819851
5439000	1/8/2013	0.24	0.24	1.62	7.51	15407	96.1075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.456819851
5439000	10/15/2013	0.24	0.24	1.62	7.51	15407	96.1075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.456819851
5439000	12/7/2013	0.24	0.24	1.62	7.51	15407	96.1075%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.456819851
5439000	7/8/1988	0.23	0.23	1.62	7.49	15424	96.2136%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.451528609
5439000	10/10/1988	0.23	0.23	1.62	7.49	15424	96.2136%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.451528609
5439000	8/8/1997	0.23	0.23	1.62	7.49	15424	96.2136%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.451528609
5439000	9/10/1997	0.23	0.23	1.62	7.49	15424	96.2136%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.451528609
5439000	8/22/1999	0.23	0.23	1.62	7.49	15424	96.2136%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.451528609
5439000	10/16/2004	0.23	0.23	1.62	7.49	15424	96.2136%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.451528609
5439000	1/12/2006	0.23	0.23	1.62	7.49	15424	96.2136%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.451528609
5439000	1/26/2006	0.23	0.23	1.62	7.49	15424	96.2136%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.451528609
5439000	11/7/2012	0.23	0.23	1.62	7.49	15424	96.2136%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.451528609
5439000	12/31/2012	0.23	0.23	1.62	7.49	15424	96.2136%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.451528609
5439000	12/30/2013	0.23	0.23	1.62	7.49	15424	96.2136%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.451528609
5439000	1/2/2014	0.23	0.23	1.62	7.49	15424	96.2136%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.451528609
5439000	10/7/1988	0.22	0.22	1.62	7.48	15436	96.2884%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.446237366
5439000	9/9/1997	0.22	0.22	1.62	7.48	15436	96.2884%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.446237366
5439000	9/26/1997	0.22	0.22	1.62	7.48	15436	96.2884%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.446237366

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/6/1997	0.22	0.22	1.62	7.48	15436	96.2884%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.446237366
5439000	9/15/1999	0.22	0.22	1.62	7.48	15436	96.2884%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.446237366
5439000	12/2/2002	0.22	0.22	1.62	7.48	15436	96.2884%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.446237366
5439000	12/5/2002	0.22	0.22	1.62	7.48	15436	96.2884%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.446237366
5439000	10/5/2005	0.22	0.22	1.62	7.48	15436	96.2884%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.446237366
5439000	1/13/2006	0.22	0.22	1.62	7.48	15436	96.2884%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.446237366
5439000	1/25/2006	0.22	0.22	1.62	7.48	15436	96.2884%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.446237366
5439000	12/9/2010	0.22	0.22	1.62	7.48	15436	96.2884%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.446237366
5439000	9/7/1988	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	9/9/1988	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	9/11/1988	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	10/13/1988	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	10/31/1988	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	9/11/1997	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	9/14/1997	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	11/14/1997	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	9/7/1999	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	12/3/2002	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	12/4/2002	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	1/3/2003	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	10/12/2003	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	10/2/2004	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	11/10/2005	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	12/5/2005	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	1/14/2006	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	1/15/2006	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	1/16/2006	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	1/23/2006	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	1/24/2006	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	10/8/2012	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123
5439000	12/12/2012	0.21	0.21	1.62	7.46	15447	96.3571%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.440946123

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/17/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/18/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/20/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/9/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/17/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/18/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/20/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/21/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/22/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/23/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/24/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/25/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/26/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/27/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/6/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/8/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/9/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/10/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/17/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/18/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/21/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/22/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/23/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/27/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/28/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/29/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	12/28/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	12/29/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	12/30/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	12/31/1925	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	1/1/1926	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/2/1926	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/22/1927	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/24/1927	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/25/1927	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/26/1927	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/27/1927	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/28/1927	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/29/1927	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/30/1927	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/31/1927	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/1/1927	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/2/1927	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/3/1927	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/4/1927	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/5/1927	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/20/1927	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/13/1929	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/14/1929	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/16/1930	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/31/1931	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/14/1931	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	7/27/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	7/28/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	7/29/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/3/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/4/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/5/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/7/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/9/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/11/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/12/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/16/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/23/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/24/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/26/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	8/30/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/4/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/21/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/22/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/23/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/6/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/7/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/9/1932	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/15/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/16/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/17/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/18/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/20/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/21/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/22/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/23/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/24/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/30/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/1/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/2/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/3/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/4/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/5/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/6/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/7/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/8/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/9/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/10/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/11/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/12/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/13/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/14/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/15/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/17/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/18/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/19/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/20/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/25/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/27/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/28/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/29/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/30/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/31/1933	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	9/1/1997	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	10/7/1997	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	1/17/2006	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	1/18/2006	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	410.00	µg/L	60.7	28.3	16.45170512	2.43565488
5439000	10/7/2012	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	11/17/2012	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	1/1/2013	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	12/13/2013	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	12/31/2013	0.2	0.2	1.62	7.44	15470	96.5005%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.43565488
5439000	7/23/1988	0.19	0.19	1.62	7.43	15588	97.2366%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.430363637
5439000	10/16/1988	0.19	0.19	1.62	7.43	15588	97.2366%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.430363637
5439000	8/4/1997	0.19	0.19	1.62	7.43	15588	97.2366%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.430363637
5439000	9/12/1997	0.19	0.19	1.62	7.43	15588	97.2366%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.430363637
5439000	9/19/1997	0.19	0.19	1.62	7.43	15588	97.2366%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.430363637
5439000	1/4/2003	0.19	0.19	1.62	7.43	15588	97.2366%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.430363637

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/16/2003	0.19	0.19	1.62	7.43	15588	97.2366%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.430363637
5439000	9/22/2003	0.19	0.19	1.62	7.43	15588	97.2366%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.430363637
5439000	7/18/2005	0.19	0.19	1.62	7.43	15588	97.2366%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.430363637
5439000	11/26/2005	0.19	0.19	1.62	7.43	15588	97.2366%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.430363637
5439000	1/19/2006	0.19	0.19	1.62	7.43	15588	97.2366%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.430363637
5439000	1/20/2006	0.19	0.19	1.62	7.43	15588	97.2366%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.430363637
5439000	1/21/2006	0.19	0.19	1.62	7.43	15588	97.2366%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.430363637
5439000	1/22/2006	0.19	0.19	1.62	7.43	15588	97.2366%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.430363637
5439000	8/18/2006	0.19	0.19	1.62	7.43	15588	97.2366%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.430363637
5439000	10/6/2012	0.19	0.19	1.62	7.43	15588	97.2366%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.430363637
5439000	11/8/2012	0.19	0.19	1.62	7.43	15588	97.2366%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.430363637
5439000	1/1/2014	0.19	0.19	1.62	7.43	15588	97.2366%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.430363637
5439000	9/8/1988	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	9/14/1988	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	9/17/1988	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	10/6/1988	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	10/8/1988	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	10/9/1988	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	10/11/1988	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	9/13/1997	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	9/17/1999	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	1/5/2003	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	9/29/2003	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	10/17/2004	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	10/2/2005	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	11/12/2005	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	8/13/2006	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	11/9/2012	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	1/7/2013	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	9/24/2013	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	12/9/2013	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/11/2013	0.18	0.18	1.62	7.41	15606	97.3489%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.425072395
5439000	7/31/1997	0.17	0.17	1.62	7.40	15626	97.4736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.419781152
5439000	8/3/1997	0.17	0.17	1.62	7.40	15626	97.4736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.419781152
5439000	8/3/2002	0.17	0.17	1.62	7.40	15626	97.4736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.419781152
5439000	8/15/2003	0.17	0.17	1.62	7.40	15626	97.4736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.419781152
5439000	8/17/2003	0.17	0.17	1.62	7.40	15626	97.4736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.419781152
5439000	9/14/2004	0.17	0.17	1.62	7.40	15626	97.4736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.419781152
5439000	9/22/2004	0.17	0.17	1.62	7.40	15626	97.4736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.419781152
5439000	11/22/2005	0.17	0.17	1.62	7.40	15626	97.4736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.419781152
5439000	12/6/2005	0.17	0.17	1.62	7.40	15626	97.4736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.419781152
5439000	8/30/2008	0.17	0.17	1.62	7.40	15626	97.4736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.419781152
5439000	9/30/2010	0.17	0.17	1.62	7.40	15626	97.4736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.419781152
5439000	10/19/2010	0.17	0.17	1.62	7.40	15626	97.4736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.419781152
5439000	11/6/2012	0.17	0.17	1.62	7.40	15626	97.4736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.419781152
5439000	1/6/2014	0.17	0.17	1.62	7.40	15626	97.4736%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.419781152
5439000	8/5/1931	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	8/6/1931	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	8/7/1931	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	8/17/1931	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	8/18/1931	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	8/21/1931	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	8/22/1931	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	9/22/1931	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	10/10/1931	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	7/24/1988	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	9/22/1997	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	10/11/1997	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	9/18/1999	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	1/6/2003	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	8/14/2003	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	9/16/2005	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	11/25/2005	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	12/10/2005	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	11/18/2012	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	11/22/2012	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	10/10/2013	0.16	0.16	1.62	7.38	15640	97.5610%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.414489909
5439000	8/1/1997	0.15	0.15	1.62	7.36	15661	97.6920%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.409198666
5439000	9/21/1997	0.15	0.15	1.62	7.36	15661	97.6920%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.409198666
5439000	9/25/1997	0.15	0.15	1.62	7.36	15661	97.6920%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.409198666
5439000	9/28/2004	0.15	0.15	1.62	7.36	15661	97.6920%	Zinc	6.50	µg/L	60.7	28.3	0.257986678	2.409198666
5439000	10/15/2004	0.15	0.15	1.62	7.36	15661	97.6920%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.409198666
5439000	11/5/2005	0.15	0.15	1.62	7.36	15661	97.6920%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.409198666
5439000	11/23/2005	0.15	0.15	1.62	7.36	15661	97.6920%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.409198666
5439000	12/7/2005	0.15	0.15	1.62	7.36	15661	97.6920%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.409198666
5439000	12/11/2005	0.15	0.15	1.62	7.36	15661	97.6920%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.409198666
5439000	12/12/2005	0.15	0.15	1.62	7.36	15661	97.6920%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.409198666
5439000	12/13/2005	0.15	0.15	1.62	7.36	15661	97.6920%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.409198666
5439000	11/5/2012	0.15	0.15	1.62	7.36	15661	97.6920%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.409198666
5439000	11/10/2012	0.15	0.15	1.62	7.36	15661	97.6920%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.409198666
5439000	1/6/2013	0.15	0.15	1.62	7.36	15661	97.6920%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.409198666
5439000	8/29/2013	0.15	0.15	1.62	7.36	15661	97.6920%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.409198666
5439000	7/17/1988	0.14	0.14	1.62	7.35	15676	97.7855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.403907423
5439000	8/2/1997	0.14	0.14	1.62	7.35	15676	97.7855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.403907423
5439000	9/20/1997	0.14	0.14	1.62	7.35	15676	97.7855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.403907423
5439000	9/22/1999	0.14	0.14	1.62	7.35	15676	97.7855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.403907423
5439000	1/7/2003	0.14	0.14	1.62	7.35	15676	97.7855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.403907423
5439000	9/3/2003	0.14	0.14	1.62	7.35	15676	97.7855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.403907423
5439000	9/30/2003	0.14	0.14	1.62	7.35	15676	97.7855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.403907423
5439000	9/21/2005	0.14	0.14	1.62	7.35	15676	97.7855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.403907423
5439000	10/23/2005	0.14	0.14	1.62	7.35	15676	97.7855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.403907423
5439000	12/8/2005	0.14	0.14	1.62	7.35	15676	97.7855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.403907423
5439000	12/9/2005	0.14	0.14	1.62	7.35	15676	97.7855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.403907423

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	12/14/2005	0.14	0.14	1.62	7.35	15676	97.7855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.403907423
5439000	12/15/2005	0.14	0.14	1.62	7.35	15676	97.7855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.403907423
5439000	10/14/2010	0.14	0.14	1.62	7.35	15676	97.7855%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.403907423
5439000	9/15/1931	0.13	0.13	1.62	7.33	15690	97.8729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.398616181
5439000	9/19/1931	0.13	0.13	1.62	7.33	15690	97.8729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.398616181
5439000	9/20/1931	0.13	0.13	1.62	7.33	15690	97.8729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.398616181
5439000	9/23/1931	0.13	0.13	1.62	7.33	15690	97.8729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.398616181
5439000	9/26/1931	0.13	0.13	1.62	7.33	15690	97.8729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.398616181
5439000	8/19/1992	0.13	0.13	1.62	7.33	15690	97.8729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.398616181
5439000	9/9/1999	0.13	0.13	1.62	7.33	15690	97.8729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.398616181
5439000	12/16/2005	0.13	0.13	1.62	7.33	15690	97.8729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.398616181
5439000	12/29/2005	0.13	0.13	1.62	7.33	15690	97.8729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.398616181
5439000	11/19/2012	0.13	0.13	1.62	7.33	15690	97.8729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.398616181
5439000	11/23/2012	0.13	0.13	1.62	7.33	15690	97.8729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.398616181
5439000	12/8/2013	0.13	0.13	1.62	7.33	15690	97.8729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.398616181
5439000	12/14/2013	0.13	0.13	1.62	7.33	15690	97.8729%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.398616181
5439000	8/29/1988	0.12	0.12	1.62	7.31	15703	97.9540%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.393324938
5439000	1/8/2003	0.12	0.12	1.62	7.31	15703	97.9540%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.393324938
5439000	10/4/2004	0.12	0.12	1.62	7.31	15703	97.9540%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.393324938
5439000	10/18/2004	0.12	0.12	1.62	7.31	15703	97.9540%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.393324938
5439000	12/17/2005	0.12	0.12	1.62	7.31	15703	97.9540%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.393324938
5439000	12/18/2005	0.12	0.12	1.62	7.31	15703	97.9540%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.393324938
5439000	10/1/2010	0.12	0.12	1.62	7.31	15703	97.9540%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.393324938
5439000	10/11/2010	0.12	0.12	1.62	7.31	15703	97.9540%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.393324938
5439000	10/18/2010	0.12	0.12	1.62	7.31	15703	97.9540%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.393324938
5439000	11/24/2012	0.12	0.12	1.62	7.31	15703	97.9540%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.393324938
5439000	9/10/2013	0.12	0.12	1.62	7.31	15703	97.9540%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.393324938
5439000	10/11/2013	0.12	0.12	1.62	7.31	15703	97.9540%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.393324938
5439000	12/15/2013	0.12	0.12	1.62	7.31	15703	97.9540%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.393324938
5439000	9/25/1988	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	10/30/1988	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/12/1997	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	8/21/2003	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	9/16/2003	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	9/23/2004	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	9/29/2004	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	10/3/2004	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	8/2/2005	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	8/27/2005	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	12/19/2005	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	12/20/2005	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	12/21/2005	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	12/22/2005	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	12/23/2005	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	12/24/2005	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	12/25/2005	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	12/26/2005	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	12/27/2005	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	12/28/2005	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	10/5/2010	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	11/20/2012	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	11/25/2012	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	12/13/2012	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	1/2/2013	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	9/27/2013	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	12/16/2013	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	12/19/2013	0.11	0.11	1.62	7.30	15716	98.0351%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.388033695
5439000	9/28/1925	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/29/1925	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	10/3/1925	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	10/4/1925	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	10/5/1925	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/11/1925	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	10/12/1925	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	10/13/1925	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	10/14/1925	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	10/15/1925	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	10/16/1925	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	10/19/1925	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	10/20/1925	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/15/1929	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	8/7/1930	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	8/24/1930	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/17/1930	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	8/23/1931	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/5/1931	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/17/1931	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	8/1/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	8/6/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	8/8/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	8/10/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	8/17/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	8/18/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	8/19/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	8/20/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	8/21/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	8/22/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	8/25/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/5/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/6/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/7/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/8/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/9/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/24/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/25/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/26/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/27/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/29/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	10/3/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	10/8/1932	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	8/1/1988	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/13/1988	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	10/12/1988	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/29/1995	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	1/9/2003	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	8/24/2003	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	10/3/2003	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	10/13/2003	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	10/5/2004	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	11/24/2005	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	8/31/2006	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/22/2011	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	8/10/2012	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	11/21/2012	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/12/2013	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/25/2013	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/26/2013	0.1	0.1	1.62	7.28	15744	98.2097%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.382742452
5439000	9/10/1932	0.09	0.09	1.62	7.27	15804	98.5840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.37745121
5439000	9/11/1932	0.09	0.09	1.62	7.27	15804	98.5840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.37745121
5439000	9/28/1932	0.09	0.09	1.62	7.27	15804	98.5840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.37745121
5439000	9/30/1932	0.09	0.09	1.62	7.27	15804	98.5840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.37745121
5439000	7/12/1988	0.09	0.09	1.62	7.27	15804	98.5840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.37745121
5439000	3/8/2003	0.09	0.09	1.62	7.27	15804	98.5840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.37745121
5439000	8/18/2003	0.09	0.09	1.62	7.27	15804	98.5840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.37745121

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/20/2003	0.09	0.09	1.62	7.27	15804	98.5840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.37745121
5439000	10/1/2003	0.09	0.09	1.62	7.27	15804	98.5840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.37745121
5439000	8/31/2008	0.09	0.09	1.62	7.27	15804	98.5840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.37745121
5439000	1/4/2013	0.09	0.09	1.62	7.27	15804	98.5840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.37745121
5439000	9/28/2013	0.09	0.09	1.62	7.27	15804	98.5840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.37745121
5439000	12/17/2013	0.09	0.09	1.62	7.27	15804	98.5840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.37745121
5439000	12/18/2013	0.09	0.09	1.62	7.27	15804	98.5840%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.37745121
5439000	8/25/1930	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	8/24/1931	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	8/25/1931	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	9/18/1931	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	9/21/1931	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	9/24/1931	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	7/30/1932	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	10/1/1932	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	10/2/1932	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	7/13/1988	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	9/15/1988	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	9/30/1988	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	9/20/1994	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	1/10/2003	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	8/19/2003	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	8/31/2003	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	10/4/2003	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	10/19/2004	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	7/19/2005	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	9/29/2005	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	10/9/2010	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	10/16/2010	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	10/22/2010	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	8/22/2012	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/29/2012	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	12/4/2012	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	12/14/2012	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	1/5/2013	0.08	0.08	1.62	7.25	15818	98.6713%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.372159967
5439000	10/8/1931	0.07	0.07	1.62	7.23	15846	98.8460%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.366868724
5439000	7/14/1988	0.07	0.07	1.62	7.23	15846	98.8460%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.366868724
5439000	9/10/1999	0.07	0.07	1.62	7.23	15846	98.8460%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.366868724
5439000	1/11/2003	0.07	0.07	1.62	7.23	15846	98.8460%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.366868724
5439000	10/5/2003	0.07	0.07	1.62	7.23	15846	98.8460%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.366868724
5439000	9/27/2004	0.07	0.07	1.62	7.23	15846	98.8460%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.366868724
5439000	9/3/2006	0.07	0.07	1.62	7.23	15846	98.8460%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.366868724
5439000	8/27/2008	0.07	0.07	1.62	7.23	15846	98.8460%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.366868724
5439000	10/6/2010	0.07	0.07	1.62	7.23	15846	98.8460%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.366868724
5439000	12/3/2012	0.07	0.07	1.62	7.23	15846	98.8460%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.366868724
5439000	12/7/2012	0.07	0.07	1.62	7.23	15846	98.8460%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.366868724
5439000	9/11/2013	0.07	0.07	1.62	7.23	15846	98.8460%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.366868724
5439000	9/13/2013	0.07	0.07	1.62	7.23	15846	98.8460%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.366868724
5439000	10/1/2013	0.07	0.07	1.62	7.23	15846	98.8460%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.366868724
5439000	7/29/1930	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	8/26/1930	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	9/18/1930	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	9/19/1930	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	9/20/1930	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	9/7/1931	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	9/16/1931	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	9/27/1931	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	7/31/1932	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	9/1/1988	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	9/28/1988	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	9/29/1988	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	1/12/2003	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/24/2003	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	10/6/2003	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	9/24/2004	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	9/30/2004	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	10/6/2004	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	9/17/2005	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	9/30/2005	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	9/15/2011	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	11/26/2012	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	8/20/2013	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	1/7/2014	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	1/9/2014	0.06	0.06	1.62	7.22	15860	98.9333%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.361577481
5439000	8/27/1930	0.05	0.05	1.62	7.20	15885	99.0893%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.356286238
5439000	9/21/1930	0.05	0.05	1.62	7.20	15885	99.0893%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.356286238
5439000	9/22/1930	0.05	0.05	1.62	7.20	15885	99.0893%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.356286238
5439000	9/28/1931	0.05	0.05	1.62	7.20	15885	99.0893%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.356286238
5439000	10/9/1931	0.05	0.05	1.62	7.20	15885	99.0893%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.356286238
5439000	8/6/1988	0.05	0.05	1.62	7.20	15885	99.0893%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.356286238
5439000	9/16/2002	0.05	0.05	1.62	7.20	15885	99.0893%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.356286238
5439000	1/13/2003	0.05	0.05	1.62	7.20	15885	99.0893%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.356286238
5439000	8/28/2003	0.05	0.05	1.62	7.20	15885	99.0893%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.356286238
5439000	10/11/2003	0.05	0.05	1.62	7.20	15885	99.0893%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.356286238
5439000	8/3/2005	0.05	0.05	1.62	7.20	15885	99.0893%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.356286238
5439000	9/15/2005	0.05	0.05	1.62	7.20	15885	99.0893%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.356286238
5439000	11/11/2005	0.05	0.05	1.62	7.20	15885	99.0893%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.356286238
5439000	8/21/2006	0.05	0.05	1.62	7.20	15885	99.0893%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.356286238
5439000	11/27/2012	0.05	0.05	1.62	7.20	15885	99.0893%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.356286238
5439000	12/2/2012	0.05	0.05	1.62	7.20	15885	99.0893%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.356286238
5439000	9/14/2013	0.05	0.05	1.62	7.20	15885	99.0893%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.356286238
5439000	10/2/2013	0.05	0.05	1.62	7.20	15885	99.0893%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.356286238
5439000	8/28/1930	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	8/29/1930	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	9/24/1930	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	9/25/1930	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	9/29/1931	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	9/30/1931	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	10/1/1931	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	10/2/1931	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	7/15/1988	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	9/21/1994	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	1/14/2003	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	3/7/2003	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	9/4/2003	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	8/10/2005	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	9/22/2005	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	8/14/2006	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	10/7/2010	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	9/13/2011	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	8/30/2012	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	9/3/2012	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	11/28/2012	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	11/29/2012	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	11/30/2012	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	12/1/2012	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	12/5/2012	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	8/21/2013	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	1/8/2014	0.04	0.04	1.62	7.19	15903	99.2015%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.350994996
5439000	8/30/1930	0.03	0.03	1.62	7.17	15930	99.3700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.345703753
5439000	9/23/1930	0.03	0.03	1.62	7.17	15930	99.3700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.345703753
5439000	10/3/1931	0.03	0.03	1.62	7.17	15930	99.3700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.345703753
5439000	9/23/1999	0.03	0.03	1.62	7.17	15930	99.3700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.345703753
5439000	9/26/1999	0.03	0.03	1.62	7.17	15930	99.3700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.345703753

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/17/2002	0.03	0.03	1.62	7.17	15930	99.3700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.345703753
5439000	1/15/2003	0.03	0.03	1.62	7.17	15930	99.3700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.345703753
5439000	1/16/2003	0.03	0.03	1.62	7.17	15930	99.3700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.345703753
5439000	10/2/2003	0.03	0.03	1.62	7.17	15930	99.3700%	Zinc	400.00	µg/L	60.7	28.3	15.45768536	2.345703753
5439000	10/10/2004	0.03	0.03	1.62	7.17	15930	99.3700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.345703753
5439000	10/20/2004	0.03	0.03	1.62	7.17	15930	99.3700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.345703753
5439000	10/21/2004	0.03	0.03	1.62	7.17	15930	99.3700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.345703753
5439000	10/1/2005	0.03	0.03	1.62	7.17	15930	99.3700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.345703753
5439000	10/13/2010	0.03	0.03	1.62	7.17	15930	99.3700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.345703753
5439000	10/21/2010	0.03	0.03	1.62	7.17	15930	99.3700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.345703753
5439000	8/31/2012	0.03	0.03	1.62	7.17	15930	99.3700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.345703753
5439000	9/2/2012	0.03	0.03	1.62	7.17	15930	99.3700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.345703753
5439000	12/6/2012	0.03	0.03	1.62	7.17	15930	99.3700%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.345703753
5439000	7/30/1930	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	8/1/1930	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	8/2/1930	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	9/2/1988	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	9/26/1988	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	1/17/2003	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	1/18/2003	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	1/19/2003	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	2/3/2003	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	2/4/2003	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	2/25/2003	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	2/26/2003	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	2/27/2003	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	2/28/2003	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	3/1/2003	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	3/2/2003	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	3/3/2003	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	3/4/2003	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	3/5/2003	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	3/6/2003	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	8/29/2003	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	9/17/2003	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	8/4/2005	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	8/5/2005	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	8/6/2005	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	8/7/2005	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	8/8/2005	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	8/9/2005	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	9/14/2005	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	10/6/2005	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	10/10/2010	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	9/14/2011	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	8/11/2012	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	8/12/2012	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	8/23/2012	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	8/24/2012	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	8/25/2012	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	9/1/2012	0.02	0.02	1.62	7.15	15948	99.4823%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.34041251
5439000	7/31/1930	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	10/4/1931	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	10/5/1931	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	10/6/1931	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	9/27/1988	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	9/25/1999	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	1/20/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	1/21/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	1/22/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	1/23/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	1/24/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	1/25/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	1/26/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	1/28/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	1/29/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	1/30/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	1/31/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/1/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/2/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/5/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/6/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/7/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/8/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/9/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/13/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/14/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/15/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/16/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/17/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/18/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/19/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/20/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/21/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/22/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/23/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	2/24/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	8/25/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	9/21/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	10/7/2003	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	10/7/2004	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	8/26/2008	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	10/15/2010	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/20/2010	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	9/16/2011	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	9/23/2011	0.01	0.01	1.62	7.14	15986	99.7193%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.335121267
5439000	8/7/1988	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/20/1988	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/21/1988	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	8/24/1991	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/11/1999	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/24/1999	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	1/27/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	2/10/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	2/11/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	2/12/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	8/26/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	370.00	µg/L	60.7	28.3	14.20159982	2.329830024
5439000	8/27/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	8/30/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/5/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/6/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/7/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/8/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/9/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/10/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/11/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/18/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/19/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/20/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/23/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/25/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/8/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/9/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/10/2003	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/25/2004	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/26/2004	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/11/2004	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/12/2004	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/13/2004	0	0	1.62	7.12	16031	100.0000%	Zinc	190.00	µg/L	60.7	28.3	7.292713421	2.329830024
5439000	8/28/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	8/29/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	8/30/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	8/31/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/1/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/2/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/3/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/4/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/5/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/6/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/7/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	250.00	µg/L	60.7	28.3	9.595675554	2.329830024
5439000	9/8/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/9/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/10/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/11/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/12/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/13/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/18/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/23/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/7/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/8/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/9/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/10/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/11/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/12/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/13/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	10/14/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/15/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/16/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/17/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/18/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/19/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/20/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/21/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/22/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/24/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/25/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/26/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	320.00	µg/L	60.7	28.3	12.28246471	2.329830024
5439000	10/27/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/28/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/29/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/30/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	10/31/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	11/1/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	11/2/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	11/3/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	11/4/2005	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	8/15/2006	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	8/16/2006	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	8/17/2006	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	8/22/2006	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	8/23/2006	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	8/24/2006	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	8/25/2006	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	8/26/2006	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	8/27/2006	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/1/2006	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024

Gage ID	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units (mg or micro_gram)	Limit/Standard	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
5439000	9/2/2006	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	8/25/2008	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/1/2008	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/2/2008	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/3/2008	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/17/2011	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/24/2011	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024
5439000	9/25/2011	0	0	1.62	7.12	16031	100.0000%	Zinc	--	µg/L	60.7	28.3	#VALUE!	2.329830024

Mendota Creek (DRD)

Total Phosphorus

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/24/2007	2890	2890	0.10	278.95	1	0.0061%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	434.5715072
USGS 05439000	7/3/1983	2520	2520	0.10	243.71	2	0.0123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	379.6749563
USGS 05439000	7/2/1983	2510	2510	0.10	242.76	3	0.0184%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	378.1912657
USGS 05439000	8/25/2007	2440	2440	0.10	236.09	4	0.0245%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	367.8054317
USGS 05439000	7/18/1996	1980	1980	0.10	192.28	5	0.0307%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	299.5556657
USGS 05439000	9/14/2008	1830	1830	0.10	178.00	6	0.0368%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	277.3003072
USGS 05439000	9/15/2008	1820	1820	0.10	177.05	7	0.0429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	275.8166166
USGS 05439000	7/19/1996	1680	1680	0.10	163.71	8	0.0491%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	255.0449487
USGS 05439000	8/26/2007	1620	1620	0.10	158.00	9	0.0552%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	246.1428053
USGS 05439000	2/21/1997	1580	1580	0.10	154.19	10	0.0613%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	240.208043
USGS 05439000	4/18/2013	1550	1550	0.10	151.33	11	0.0675%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	235.7569713
USGS 05439000	8/27/1987	1520	1520	0.10	148.48	12	0.0736%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	231.3058996
USGS 05439000	2/22/1997	1490	1490	0.10	145.62	13	0.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	226.8548279
USGS 05439000	4/19/2013	1430	1430	0.10	139.90	14	0.0859%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	217.9526845
USGS 05439000	9/9/1980	1380	1380	0.10	135.14	15	0.0920%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	210.5342317
USGS 05439000	6/16/2015	1310	1310	0.10	128.48	16	0.0981%	Phosphorus, Total	0.386	mg/L	0.289	28.3	267.3262336	200.1483977
USGS 05439000	7/4/1983	1280	1280	0.10	125.62	17	0.1042%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	195.697326
USGS 05439000	8/28/1987	1240	1240	0.10	121.81	18	0.1104%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	189.7625637
USGS 05439000	9/16/2008	1220	1220	0.10	119.90	19	0.1165%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	186.7951826
USGS 05439000	3/24/1993	1210	1210	0.10	118.95	20	0.1226%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	185.311492
USGS 05439000	7/20/1996	1190	1190	0.10	117.05	21	0.1288%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	182.3441109
USGS 05439000	2/20/1994	1180	1180	0.10	116.09	22	0.1349%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	180.8604203
USGS 05439000	3/9/2009	1170	1170	0.10	115.14	23	0.1410%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	179.3767298
USGS 05439000	8/6/1996	1130	1130	0.10	111.33	24	0.1472%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	173.4419675
USGS 05439000	5/31/2004	1130	1130	0.10	111.33	24	0.1472%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	173.4419675
USGS 05439000	5/26/1991	1120	1120	0.10	110.38	26	0.1594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	171.9582769
USGS 05439000	3/3/2008	1120	1120	0.10	110.38	26	0.1594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	171.9582769
USGS 05439000	5/30/2011	1120	1120	0.10	110.38	26	0.1594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	171.9582769
USGS 05439000	9/8/1980	1100	1100	0.10	108.48	29	0.1778%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	168.9908958
USGS 05439000	5/29/1996	1100	1100	0.10	108.48	29	0.1778%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	168.9908958
USGS 05439000	6/17/2015	1070	1070	0.10	105.62	31	0.1901%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	164.5398241
USGS 05439000	8/23/2007	1050	1050	0.10	103.71	32	0.1962%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	161.572443

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/10/1980	1040	1040	0.10	102.76	33	0.2024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	160.0887524
USGS 05439000	6/5/2002	1040	1040	0.10	102.76	33	0.2024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	160.0887524
USGS 05439000	8/17/1987	1010	1010	0.10	99.90	35	0.2146%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	155.6376807
USGS 05439000	8/27/2007	1010	1010	0.10	99.90	35	0.2146%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	155.6376807
USGS 05439000	2/25/2001	992	992	0.10	98.19	37	0.2269%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	152.9670377
USGS 05439000	2/23/1997	968	968	0.10	95.90	38	0.2330%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	149.4061803
USGS 05439000	3/11/2013	956	956	0.10	94.76	39	0.2392%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	147.6257517
USGS 05439000	8/15/1987	949	949	0.10	94.09	40	0.2453%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	146.5871683
USGS 05439000	4/3/1983	944	944	0.10	93.62	41	0.2514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	145.845323
USGS 05439000	12/3/1982	939	939	0.10	93.14	42	0.2576%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	145.1034777
USGS 05439000	6/14/1981	937	937	0.10	92.95	43	0.2637%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	144.8067396
USGS 05439000	12/28/2008	932	932	0.10	92.48	44	0.2698%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	144.0648943
USGS 05439000	9/13/2008	930	930	0.10	92.28	45	0.2760%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	143.7681562
USGS 05439000	6/12/1929	924	924	0.10	91.71	46	0.2821%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	142.8779418
USGS 05439000	7/19/1993	921	921	0.10	91.43	47	0.2882%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	142.4328347
USGS 05439000	6/1/2004	921	921	0.10	91.43	47	0.2882%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	142.4328347
USGS 05439000	3/5/1985	920	920	0.10	91.33	49	0.3005%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	142.2844656
USGS 05439000	8/18/1987	915	915	0.10	90.86	50	0.3066%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	141.5426203
USGS 05439000	5/14/2010	901	901	0.10	89.52	51	0.3127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	139.4654535
USGS 05439000	8/26/1987	899	899	0.10	89.33	52	0.3189%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	139.1687154
USGS 05439000	3/8/2009	899	899	0.10	89.33	52	0.3189%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	139.1687154
USGS 05439000	5/22/1983	896	896	0.10	89.05	54	0.3311%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	138.7236083
USGS 05439000	6/18/2015	875	875	0.10	87.05	55	0.3373%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	135.6078581
USGS 05439000	5/13/2010	873	873	0.10	86.86	56	0.3434%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	135.31112
USGS 05439000	12/4/1982	859	859	0.10	85.52	57	0.3495%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	133.2339532
USGS 05439000	8/29/1987	859	859	0.10	85.52	57	0.3495%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	133.2339532
USGS 05439000	6/14/1999	849	849	0.10	84.57	59	0.3618%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	131.7502626
USGS 05439000	4/20/2013	846	846	0.10	84.28	60	0.3679%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	131.3051554
USGS 05439000	3/23/1993	845	845	0.10	84.19	61	0.3741%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	131.1567864
USGS 05439000	3/12/2013	843	843	0.10	84.00	62	0.3802%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	130.8600483
USGS 05439000	9/17/2008	836	836	0.10	83.33	63	0.3863%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	129.8214649
USGS 05439000	5/18/1986	831	831	0.10	82.86	64	0.3925%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	129.0796196

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/25/1994	825	825	0.10	82.28	65	0.3986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	128.1894052
USGS 05439000	3/4/1993	824	824	0.10	82.19	66	0.4047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	128.0410362
USGS 05439000	5/27/1991	820	820	0.10	81.81	67	0.4109%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	127.44756
USGS 05439000	3/10/2009	819	819	0.10	81.71	68	0.4170%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	127.2991909
USGS 05439000	5/22/2004	811	811	0.10	80.95	69	0.4231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	126.1122384
USGS 05439000	5/25/1927	805	805	0.10	80.38	70	0.4293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	125.2220241
USGS 05439000	6/9/1993	803	803	0.10	80.19	71	0.4354%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	124.925286
USGS 05439000	5/14/2011	798	798	0.10	79.71	72	0.4415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	124.1834407
USGS 05439000	2/27/2009	791	791	0.10	79.05	73	0.4477%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	123.1448573
USGS 05439000	3/12/2014	790	790	0.10	78.95	74	0.4538%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	122.9964883
USGS 05439000	4/16/1993	788	788	0.10	78.76	75	0.4599%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	122.6997501
USGS 05439000	8/16/1987	772	772	0.10	77.24	76	0.4661%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	120.3258452
USGS 05439000	2/10/2001	766	766	0.10	76.67	77	0.4722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	119.4356309
USGS 05439000	6/13/1929	765	765	0.10	76.57	78	0.4783%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	119.2872618
USGS 05439000	2/14/1984	761	761	0.10	76.19	79	0.4845%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	118.6937856
USGS 05439000	5/30/1996	760	760	0.10	76.09	80	0.4906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	118.5454166
USGS 05439000	5/24/1927	756	756	0.10	75.71	81	0.4967%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	117.9519403
USGS 05439000	3/11/2014	756	756	0.10	75.71	81	0.4967%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	117.9519403
USGS 05439000	12/29/2008	754	754	0.10	75.52	83	0.5090%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	117.6552022
USGS 05439000	3/1/1997	753	753	0.10	75.43	84	0.5151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	117.5068332
USGS 05439000	8/7/1996	751	751	0.10	75.24	85	0.5212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	117.210095
USGS 05439000	2/19/1994	750	750	0.10	75.14	86	0.5274%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	117.061726
USGS 05439000	7/5/1983	743	743	0.10	74.48	87	0.5335%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	116.0231426
USGS 05439000	4/23/1999	741	741	0.10	74.28	88	0.5396%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	115.7264045
USGS 05439000	2/5/1991	740	740	0.10	74.19	89	0.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	115.5780354
USGS 05439000	6/10/2011	739	739	0.10	74.09	90	0.5519%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	115.4296664
USGS 05439000	8/14/1987	736	736	0.10	73.81	91	0.5580%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	114.9845592
USGS 05439000	6/13/2000	736	736	0.10	73.81	91	0.5580%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	114.9845592
USGS 05439000	6/6/2002	732	732	0.10	73.43	93	0.5703%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	114.391083
USGS 05439000	5/23/1983	727	727	0.10	72.95	94	0.5764%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	113.6492377
USGS 05439000	2/21/1994	726	726	0.10	72.86	95	0.5826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	113.5008686
USGS 05439000	1/23/1999	721	721	0.10	72.38	96	0.5887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	112.7590233

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/15/2015	721	721	0.10	72.38	96	0.5887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	112.7590233
USGS 05439000	5/11/2003	714	714	0.10	71.71	98	0.6010%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	111.7204399
USGS 05439000	5/8/1998	713	713	0.10	71.62	99	0.6071%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	111.5720709
USGS 05439000	5/23/2004	710	710	0.10	71.33	100	0.6132%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	111.1269637
USGS 05439000	7/21/1996	705	705	0.10	70.86	101	0.6194%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	110.3851184
USGS 05439000	5/19/1986	704	704	0.10	70.76	102	0.6255%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	110.2367494
USGS 05439000	6/13/1999	704	704	0.10	70.76	102	0.6255%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	110.2367494
USGS 05439000	3/25/1993	702	702	0.10	70.57	104	0.6378%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	109.9400113
USGS 05439000	6/24/1994	701	701	0.10	70.48	105	0.6439%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	109.7916422
USGS 05439000	5/31/2011	701	701	0.10	70.48	105	0.6439%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	109.7916422
USGS 05439000	6/14/2000	700	700	0.10	70.38	107	0.6562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	109.6432732
USGS 05439000	5/21/2004	698	698	0.10	70.19	108	0.6623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	109.346535
USGS 05439000	5/24/1995	697	697	0.10	70.09	109	0.6684%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	109.198166
USGS 05439000	9/11/1980	691	691	0.10	69.52	110	0.6746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	108.3079516
USGS 05439000	8/7/2007	684	684	0.10	68.86	111	0.6807%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	107.2693682
USGS 05439000	4/11/2008	684	684	0.10	68.86	111	0.6807%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	107.2693682
USGS 05439000	6/4/2002	683	683	0.10	68.76	113	0.6930%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	107.1209992
USGS 05439000	5/28/1996	678	678	0.10	68.28	114	0.6991%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	106.3791539
USGS 05439000	5/21/1987	671	671	0.10	67.62	115	0.7052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	105.3405705
USGS 05439000	12/5/1982	670	670	0.10	67.52	116	0.7114%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	105.1922015
USGS 05439000	3/4/1985	670	670	0.10	67.52	116	0.7114%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	105.1922015
USGS 05439000	7/9/1986	669	669	0.10	67.43	118	0.7236%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	105.0438324
USGS 05439000	6/12/2000	669	669	0.10	67.43	118	0.7236%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	105.0438324
USGS 05439000	12/26/2009	668	668	0.10	67.33	120	0.7359%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	104.8954633
USGS 05439000	3/4/2008	666	666	0.10	67.14	121	0.7420%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	104.5987252
USGS 05439000	7/1/2014	666	666	0.10	67.14	121	0.7420%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	104.5987252
USGS 05439000	11/18/1928	663	663	0.10	66.86	123	0.7543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	104.1536181
USGS 05439000	1/31/1988	661	661	0.10	66.67	124	0.7604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	103.8568799
USGS 05439000	4/1/1993	657	657	0.10	66.28	125	0.7665%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	103.2634037
USGS 05439000	6/13/1981	652	652	0.10	65.81	126	0.7727%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	102.5215584
USGS 05439000	8/8/2007	652	652	0.10	65.81	126	0.7727%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	102.5215584
USGS 05439000	4/2/1983	649	649	0.10	65.52	128	0.7849%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	102.0764513

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/20/1985	649	649	0.10	65.52	128	0.7849%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	102.0764513
USGS 05439000	6/15/1981	647	647	0.10	65.33	130	0.7972%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	101.7797132
USGS 05439000	12/14/2015	646	646	0.10	65.24	131	0.8033%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	101.6313441
USGS 05439000	7/30/1989	644	644	0.10	65.05	132	0.8095%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	101.334606
USGS 05439000	1/24/1999	643	643	0.10	64.95	133	0.8156%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	101.1862369
USGS 05439000	2/26/1985	639	639	0.10	64.57	134	0.8217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	100.5927607
USGS 05439000	12/15/2015	639	639	0.10	64.57	134	0.8217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	100.5927607
USGS 05439000	2/15/1984	637	637	0.10	64.38	136	0.8340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	100.2960226
USGS 05439000	2/25/1985	636	636	0.10	64.28	137	0.8401%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	100.1476535
USGS 05439000	2/9/2001	636	636	0.10	64.28	137	0.8401%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	100.1476535
USGS 05439000	6/8/1993	634	634	0.10	64.09	139	0.8524%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	99.85091542
USGS 05439000	1/4/1993	633	633	0.10	64.00	140	0.8585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	99.70254636
USGS 05439000	4/4/1983	629	629	0.10	63.62	141	0.8647%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	99.10907013
USGS 05439000	11/15/1926	628	628	0.10	63.52	142	0.8708%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	98.96070108
USGS 05439000	2/13/1984	627	627	0.10	63.43	143	0.8769%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	98.81233202
USGS 05439000	12/30/2008	626	626	0.10	63.33	144	0.8831%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	98.66396296
USGS 05439000	12/25/2009	625	625	0.10	63.24	145	0.8892%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	98.51559391
USGS 05439000	7/20/2007	621	621	0.10	62.86	146	0.8953%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	97.92211768
USGS 05439000	6/2/1999	620	620	0.10	62.76	147	0.9015%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	97.77374862
USGS 05439000	10/31/2009	620	620	0.10	62.76	147	0.9015%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	97.77374862
USGS 05439000	2/25/1926	613	613	0.10	62.09	149	0.9137%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	96.73516523
USGS 05439000	3/11/1990	612	612	0.10	62.00	150	0.9199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	96.58679617
USGS 05439000	5/12/2002	608	608	0.10	61.62	151	0.9260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	95.99331994
USGS 05439000	3/13/2014	605	605	0.10	61.33	152	0.9321%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	95.54821277
USGS 05439000	6/18/1996	600	600	0.10	60.86	153	0.9382%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	94.80636749
USGS 05439000	3/11/2009	598	598	0.10	60.67	154	0.9444%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	94.50962938
USGS 05439000	3/12/1990	594	594	0.10	60.28	155	0.9505%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	93.91615315
USGS 05439000	2/26/2001	593	593	0.10	60.19	156	0.9566%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	93.76778409
USGS 05439000	11/28/1990	592	592	0.10	60.09	157	0.9628%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	93.61941504
USGS 05439000	3/10/1986	588	588	0.10	59.71	158	0.9689%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	93.02593881
USGS 05439000	7/23/1982	587	587	0.10	59.62	159	0.9750%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	92.87756975
USGS 05439000	4/1/1929	582	582	0.10	59.14	160	0.9812%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	92.13572447

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/28/2007	582	582	0.10	59.14	160	0.9812%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	92.13572447
USGS 05439000	6/30/2013	580	580	0.10	58.95	162	0.9934%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	91.83898636
USGS 05439000	5/30/1980	578	578	0.10	58.76	163	0.9996%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	91.54224824
USGS 05439000	3/15/2014	577	577	0.10	58.67	164	1.0057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	91.39387919
USGS 05439000	11/19/1985	575	575	0.10	58.48	165	1.0118%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	91.09714107
USGS 05439000	3/3/1993	574	574	0.10	58.38	166	1.0180%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	90.94877202
USGS 05439000	5/29/2011	571	571	0.10	58.09	167	1.0241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	90.50366485
USGS 05439000	7/19/2007	570	570	0.10	58.00	168	1.0302%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	90.35529579
USGS 05439000	8/19/1987	569	569	0.10	57.90	169	1.0364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	90.20692673
USGS 05439000	2/5/1927	568	568	0.10	57.81	170	1.0425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	90.05855768
USGS 05439000	6/15/2000	567	567	0.10	57.71	171	1.0486%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	89.91018862
USGS 05439000	7/2/2014	566	566	0.10	57.62	172	1.0548%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	89.76181956
USGS 05439000	12/6/1982	564	564	0.10	57.43	173	1.0609%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	89.46508145
USGS 05439000	3/2/2007	561	561	0.10	57.14	174	1.0670%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	89.01997428
USGS 05439000	3/13/2013	561	561	0.10	57.14	174	1.0670%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	89.01997428
USGS 05439000	7/2/1933	559	559	0.10	56.95	176	1.0793%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	88.72323617
USGS 05439000	12/27/2008	559	559	0.10	56.95	176	1.0793%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	88.72323617
USGS 05439000	6/14/1993	558	558	0.10	56.86	178	1.0916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	88.57486711
USGS 05439000	4/17/1993	555	555	0.10	56.57	179	1.0977%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	88.12975994
USGS 05439000	5/15/2011	555	555	0.10	56.57	179	1.0977%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	88.12975994
USGS 05439000	7/10/1986	551	551	0.10	56.19	181	1.1100%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	87.53628371
USGS 05439000	5/22/1987	551	551	0.10	56.19	181	1.1100%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	87.53628371
USGS 05439000	11/19/1928	550	550	0.10	56.09	183	1.1222%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	87.38791466
USGS 05439000	6/11/2011	550	550	0.10	56.09	183	1.1222%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	87.38791466
USGS 05439000	4/16/1998	548	548	0.10	55.90	185	1.1345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	87.09117654
USGS 05439000	6/9/2011	547	547	0.10	55.81	186	1.1406%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	86.94280749
USGS 05439000	4/6/1988	546	546	0.10	55.71	187	1.1467%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	86.79443843
USGS 05439000	6/16/1981	545	545	0.10	55.62	188	1.1529%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	86.64606937
USGS 05439000	9/26/1993	542	542	0.10	55.33	189	1.1590%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	86.2009622
USGS 05439000	5/13/1999	542	542	0.10	55.33	189	1.1590%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	86.2009622
USGS 05439000	6/12/1926	538	538	0.10	54.95	191	1.1713%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	85.60748598
USGS 05439000	5/26/1927	538	538	0.10	54.95	191	1.1713%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	85.60748598

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/6/1994	538	538	0.10	54.95	191	1.1713%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	85.60748598
USGS 05439000	6/2/2004	538	538	0.10	54.95	191	1.1713%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	85.60748598
USGS 05439000	3/12/2015	537	537	0.10	54.86	195	1.1958%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	85.45911692
USGS 05439000	6/20/1993	535	535	0.10	54.67	196	1.2019%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	85.16237881
USGS 05439000	5/13/2002	535	535	0.10	54.67	196	1.2019%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	85.16237881
USGS 05439000	3/4/1929	534	534	0.10	54.57	198	1.2142%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	85.01400975
USGS 05439000	4/21/1929	534	534	0.10	54.57	198	1.2142%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	85.01400975
USGS 05439000	4/22/1929	534	534	0.10	54.57	198	1.2142%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	85.01400975
USGS 05439000	3/7/1994	534	534	0.10	54.57	198	1.2142%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	85.01400975
USGS 05439000	5/28/1995	534	534	0.10	54.57	198	1.2142%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	85.01400975
USGS 05439000	6/1/1989	532	532	0.10	54.38	203	1.2449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	84.71727164
USGS 05439000	2/1/1988	531	531	0.10	54.28	204	1.2510%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	84.56890258
USGS 05439000	12/2/1985	528	528	0.10	54.00	205	1.2571%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	84.12379541
USGS 05439000	1/20/1988	524	524	0.10	53.62	206	1.2633%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	83.53031918
USGS 05439000	3/16/2014	524	524	0.10	53.62	206	1.2633%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	83.53031918
USGS 05439000	11/14/1926	523	523	0.10	53.52	208	1.2755%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	83.38195013
USGS 05439000	6/2/1996	522	522	0.10	53.43	209	1.2817%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	83.23358107
USGS 05439000	4/21/2013	520	520	0.10	53.24	210	1.2878%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	82.93684296
USGS 05439000	11/17/1928	518	518	0.10	53.05	211	1.2939%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	82.64010484
USGS 05439000	6/14/1929	518	518	0.10	53.05	211	1.2939%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	82.64010484
USGS 05439000	3/10/1990	515	515	0.10	52.76	213	1.3062%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	82.19499767
USGS 05439000	7/22/1982	514	514	0.10	52.67	214	1.3123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	82.04662862
USGS 05439000	2/27/1997	513	513	0.10	52.57	215	1.3185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	81.89825956
USGS 05439000	6/19/2015	513	513	0.10	52.57	215	1.3185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	81.89825956
USGS 05439000	3/11/2010	511	511	0.10	52.38	217	1.3307%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	81.60152145
USGS 05439000	2/5/1986	510	510	0.10	52.28	218	1.3368%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	81.45315239
USGS 05439000	5/30/2004	510	510	0.10	52.28	218	1.3368%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	81.45315239
USGS 05439000	1/5/1993	509	509	0.10	52.19	220	1.3491%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	81.30478333
USGS 05439000	3/10/2007	509	509	0.10	52.19	220	1.3491%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	81.30478333
USGS 05439000	11/16/1926	508	508	0.10	52.09	222	1.3614%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	81.15641428
USGS 05439000	2/27/1985	507	507	0.10	52.00	223	1.3675%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	81.00804522
USGS 05439000	4/24/1999	507	507	0.10	52.00	223	1.3675%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	81.00804522

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/31/2008	504	504	0.10	51.71	225	1.3798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	80.56293805
USGS 05439000	3/18/1991	502	502	0.10	51.52	226	1.3859%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	80.26619994
USGS 05439000	8/18/1980	501	501	0.10	51.43	227	1.3920%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	80.11783088
USGS 05439000	2/11/2001	500	500	0.10	51.33	228	1.3982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	79.96946182
USGS 05439000	5/12/2008	499	499	0.10	51.24	229	1.4043%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	79.82109277
USGS 05439000	9/18/2008	499	499	0.10	51.24	229	1.4043%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	79.82109277
USGS 05439000	4/7/1988	498	498	0.10	51.14	231	1.4166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	79.67272371
USGS 05439000	5/9/1998	498	498	0.10	51.14	231	1.4166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	79.67272371
USGS 05439000	8/20/2007	495	495	0.10	50.86	233	1.4288%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	79.22761654
USGS 05439000	10/30/2009	491	491	0.10	50.48	234	1.4350%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	78.63414031
USGS 05439000	9/13/1980	489	489	0.10	50.28	235	1.4411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	78.3374022
USGS 05439000	3/11/1986	489	489	0.10	50.28	235	1.4411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	78.3374022
USGS 05439000	8/30/1987	489	489	0.10	50.28	235	1.4411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	78.3374022
USGS 05439000	7/13/2008	488	488	0.10	50.19	238	1.4595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	78.18903315
USGS 05439000	3/12/2010	488	488	0.10	50.19	238	1.4595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	78.18903315
USGS 05439000	3/16/1929	487	487	0.10	50.09	240	1.4718%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	78.04066409
USGS 05439000	4/20/1929	487	487	0.10	50.09	240	1.4718%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	78.04066409
USGS 05439000	3/2/1997	486	486	0.10	50.00	242	1.4840%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	77.89229503
USGS 05439000	12/27/2009	486	486	0.10	50.00	242	1.4840%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	77.89229503
USGS 05439000	12/29/2015	485	485	0.10	49.90	244	1.4963%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	77.74392598
USGS 05439000	6/26/1994	482	482	0.10	49.62	245	1.5024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	77.29881881
USGS 05439000	4/12/2008	482	482	0.10	49.62	245	1.5024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	77.29881881
USGS 05439000	2/24/1985	480	480	0.10	49.43	247	1.5147%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	77.00208069
USGS 05439000	11/18/2015	479	479	0.10	49.33	248	1.5208%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	76.85371164
USGS 05439000	8/17/1980	476	476	0.10	49.05	249	1.5270%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	76.40860447
USGS 05439000	3/6/1985	476	476	0.10	49.05	249	1.5270%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	76.40860447
USGS 05439000	3/9/1990	476	476	0.10	49.05	249	1.5270%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	76.40860447
USGS 05439000	6/10/1993	474	474	0.10	48.86	252	1.5453%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	76.11186635
USGS 05439000	5/15/2010	474	474	0.10	48.86	252	1.5453%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	76.11186635
USGS 05439000	3/5/1929	472	472	0.10	48.67	254	1.5576%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	75.81512824
USGS 05439000	1/14/1995	470	470	0.10	48.48	255	1.5637%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	75.51839013
USGS 05439000	4/15/1993	469	469	0.10	48.38	256	1.5699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	75.37002107

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/24/1996	468	468	0.10	48.28	257	1.5760%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	75.22165201
USGS 05439000	5/23/1995	467	467	0.10	48.19	258	1.5821%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	75.07328296
USGS 05439000	9/12/1980	465	465	0.10	48.00	259	1.5883%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	74.77654484
USGS 05439000	7/12/2008	465	465	0.10	48.00	259	1.5883%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	74.77654484
USGS 05439000	3/1/1926	464	464	0.10	47.90	261	1.6005%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	74.62817579
USGS 05439000	4/20/1927	464	464	0.10	47.90	261	1.6005%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	74.62817579
USGS 05439000	7/4/1928	464	464	0.10	47.90	261	1.6005%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	74.62817579
USGS 05439000	3/14/2014	463	463	0.10	47.81	264	1.6189%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	74.47980673
USGS 05439000	2/28/1997	462	462	0.10	47.71	265	1.6251%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	74.33143767
USGS 05439000	6/15/1993	458	458	0.10	47.33	266	1.6312%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	73.73796145
USGS 05439000	4/25/1929	457	457	0.10	47.24	267	1.6373%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	73.58959239
USGS 05439000	11/2/1985	457	457	0.10	47.24	267	1.6373%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	73.58959239
USGS 05439000	5/12/2003	457	457	0.10	47.24	267	1.6373%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	73.58959239
USGS 05439000	4/2/1993	456	456	0.10	47.14	270	1.6557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	73.44122333
USGS 05439000	5/31/1996	456	456	0.10	47.14	270	1.6557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	73.44122333
USGS 05439000	12/15/2011	452	452	0.10	46.76	272	1.6680%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	72.84774711
USGS 05439000	7/7/1982	451	451	0.10	46.67	273	1.6741%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	72.69937805
USGS 05439000	4/5/1983	451	451	0.10	46.67	273	1.6741%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	72.69937805
USGS 05439000	4/19/1927	450	450	0.10	46.57	275	1.6864%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	72.55100899
USGS 05439000	7/5/1928	450	450	0.10	46.57	275	1.6864%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	72.55100899
USGS 05439000	2/4/1986	450	450	0.10	46.57	275	1.6864%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	72.55100899
USGS 05439000	4/3/1982	449	449	0.10	46.48	278	1.7048%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	72.40263994
USGS 05439000	2/18/2008	448	448	0.10	46.38	279	1.7109%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	72.25427088
USGS 05439000	8/4/1989	447	447	0.10	46.28	280	1.7171%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	72.10590182
USGS 05439000	4/1/2009	447	447	0.10	46.28	280	1.7171%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	72.10590182
USGS 05439000	5/20/1986	446	446	0.10	46.19	282	1.7293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	71.95753277
USGS 05439000	12/31/1992	446	446	0.10	46.19	282	1.7293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	71.95753277
USGS 05439000	7/31/1989	445	445	0.10	46.09	284	1.7416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	71.80916371
USGS 05439000	3/17/1929	442	442	0.10	45.81	285	1.7477%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	71.36405654
USGS 05439000	3/13/2015	440	440	0.10	45.62	286	1.7538%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	71.06731843
USGS 05439000	12/7/1982	438	438	0.10	45.43	287	1.7600%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	70.77058031
USGS 05439000	2/6/1927	436	436	0.10	45.24	288	1.7661%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	70.4738422

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/25/1991	436	436	0.10	45.24	288	1.7661%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	70.4738422
USGS 05439000	3/26/1993	436	436	0.10	45.24	288	1.7661%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	70.4738422
USGS 05439000	3/13/2010	436	436	0.10	45.24	288	1.7661%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	70.4738422
USGS 05439000	9/17/1980	434	434	0.10	45.05	292	1.7906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	70.17710409
USGS 05439000	6/7/2002	434	434	0.10	45.05	292	1.7906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	70.17710409
USGS 05439000	6/23/2013	434	434	0.10	45.05	292	1.7906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	70.17710409
USGS 05439000	5/24/1983	433	433	0.10	44.95	295	1.8090%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	70.02873503
USGS 05439000	3/13/1990	433	433	0.10	44.95	295	1.8090%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	70.02873503
USGS 05439000	2/8/2009	433	433	0.10	44.95	295	1.8090%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	70.02873503
USGS 05439000	8/5/1989	431	431	0.10	44.76	298	1.8274%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	69.73199692
USGS 05439000	6/20/2014	431	431	0.10	44.76	298	1.8274%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	69.73199692
USGS 05439000	5/15/2004	428	428	0.10	44.48	300	1.8397%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	69.28688975
USGS 05439000	3/6/1929	427	427	0.10	44.38	301	1.8458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	69.13852069
USGS 05439000	7/6/1983	427	427	0.10	44.38	301	1.8458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	69.13852069
USGS 05439000	4/20/1993	427	427	0.10	44.38	301	1.8458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	69.13852069
USGS 05439000	8/21/2007	426	426	0.10	44.28	304	1.8642%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	68.99015163
USGS 05439000	3/13/2008	426	426	0.10	44.28	304	1.8642%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	68.99015163
USGS 05439000	5/26/2011	426	426	0.10	44.28	304	1.8642%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	68.99015163
USGS 05439000	11/27/2015	426	426	0.10	44.28	304	1.8642%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	68.99015163
USGS 05439000	1/25/1999	424	424	0.10	44.09	308	1.8888%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	68.69341352
USGS 05439000	4/10/1983	423	423	0.10	44.00	309	1.8949%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	68.54504446
USGS 05439000	2/18/1926	422	422	0.10	43.90	310	1.9010%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	68.39667541
USGS 05439000	4/6/1928	422	422	0.10	43.90	310	1.9010%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	68.39667541
USGS 05439000	1/25/2010	422	422	0.10	43.90	310	1.9010%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	68.39667541
USGS 05439000	5/25/1995	421	421	0.10	43.81	313	1.9194%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	68.24830635
USGS 05439000	4/9/1993	420	420	0.10	43.71	314	1.9256%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	68.09993729
USGS 05439000	5/24/2004	420	420	0.10	43.71	314	1.9256%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	68.09993729
USGS 05439000	6/22/2014	420	420	0.10	43.71	314	1.9256%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	68.09993729
USGS 05439000	3/11/2007	419	419	0.10	43.62	317	1.9440%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	67.95156824
USGS 05439000	3/31/2009	419	419	0.10	43.62	317	1.9440%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	67.95156824
USGS 05439000	6/25/2013	419	419	0.10	43.62	317	1.9440%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	67.95156824
USGS 05439000	11/21/1985	418	418	0.10	43.52	320	1.9623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	67.80319918

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/14/1990	418	418	0.10	43.52	320	1.9623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	67.80319918
USGS 05439000	5/10/1990	418	418	0.10	43.52	320	1.9623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	67.80319918
USGS 05439000	7/29/1996	418	418	0.10	43.52	320	1.9623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	67.80319918
USGS 05439000	6/8/2009	418	418	0.10	43.52	320	1.9623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	67.80319918
USGS 05439000	6/14/2015	417	417	0.10	43.43	325	1.9930%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	67.65483012
USGS 05439000	5/28/1991	416	416	0.10	43.33	326	1.9991%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	67.50646107
USGS 05439000	8/29/2007	415	415	0.10	43.24	327	2.0053%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	67.35809201
USGS 05439000	11/20/1928	413	413	0.10	43.05	328	2.0114%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	67.0613539
USGS 05439000	12/2/1982	413	413	0.10	43.05	328	2.0114%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	67.0613539
USGS 05439000	6/12/1998	413	413	0.10	43.05	328	2.0114%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	67.0613539
USGS 05439000	3/20/1982	411	411	0.10	42.86	331	2.0298%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.76461578
USGS 05439000	11/11/1995	411	411	0.10	42.86	331	2.0298%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.76461578
USGS 05439000	10/18/1998	411	411	0.10	42.86	331	2.0298%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.76461578
USGS 05439000	5/11/2008	411	411	0.10	42.86	331	2.0298%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.76461578
USGS 05439000	3/10/2010	410	410	0.10	42.76	335	2.0543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.61624673
USGS 05439000	4/9/1926	408	408	0.10	42.57	336	2.0605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.31950861
USGS 05439000	6/13/1926	408	408	0.10	42.57	336	2.0605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.31950861
USGS 05439000	10/7/1927	408	408	0.10	42.57	336	2.0605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.31950861
USGS 05439000	4/7/1928	408	408	0.10	42.57	336	2.0605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.31950861
USGS 05439000	3/6/1993	408	408	0.10	42.57	336	2.0605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.31950861
USGS 05439000	3/31/1993	408	408	0.10	42.57	336	2.0605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.31950861
USGS 05439000	6/26/2013	408	408	0.10	42.57	336	2.0605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.31950861
USGS 05439000	3/27/1991	407	407	0.10	42.48	343	2.1034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.17113956
USGS 05439000	11/7/1994	407	407	0.10	42.48	343	2.1034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.17113956
USGS 05439000	5/5/2015	407	407	0.10	42.48	343	2.1034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.17113956
USGS 05439000	3/27/1932	406	406	0.10	42.38	346	2.1218%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.0227705
USGS 05439000	4/9/1983	406	406	0.10	42.38	346	2.1218%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.0227705
USGS 05439000	6/3/1996	406	406	0.10	42.38	346	2.1218%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.0227705
USGS 05439000	6/7/1996	406	406	0.10	42.38	346	2.1218%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	66.0227705
USGS 05439000	7/20/1993	405	405	0.10	42.28	350	2.1463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	65.87440144
USGS 05439000	6/3/1995	404	404	0.10	42.19	351	2.1524%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	65.72603239
USGS 05439000	7/22/1996	404	404	0.10	42.19	351	2.1524%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	65.72603239

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/14/1980	403	403	0.10	42.09	353	2.1647%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	65.57766333
USGS 05439000	6/12/1987	403	403	0.10	42.09	353	2.1647%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	65.57766333
USGS 05439000	4/15/1991	403	403	0.10	42.09	353	2.1647%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	65.57766333
USGS 05439000	3/25/2009	403	403	0.10	42.09	353	2.1647%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	65.57766333
USGS 05439000	12/30/2015	402	402	0.10	42.00	357	2.1892%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	65.42929427
USGS 05439000	12/24/2015	401	401	0.10	41.90	358	2.1954%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	65.28092522
USGS 05439000	1/21/1988	400	400	0.10	41.81	359	2.2015%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	65.13255616
USGS 05439000	7/18/1993	400	400	0.10	41.81	359	2.2015%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	65.13255616
USGS 05439000	2/24/2000	400	400	0.10	41.81	359	2.2015%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	65.13255616
USGS 05439000	4/21/2000	400	400	0.10	41.81	359	2.2015%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	65.13255616
USGS 05439000	1/8/2008	400	400	0.10	41.81	359	2.2015%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	65.13255616
USGS 05439000	2/18/2011	400	400	0.10	41.81	359	2.2015%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	65.13255616
USGS 05439000	6/22/2013	400	400	0.10	41.81	359	2.2015%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	65.13255616
USGS 05439000	6/15/1929	399	399	0.10	41.71	366	2.2444%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	64.9841871
USGS 05439000	12/1/1985	399	399	0.10	41.71	366	2.2444%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	64.9841871
USGS 05439000	2/10/2009	397	397	0.10	41.52	368	2.2567%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	64.68744899
USGS 05439000	12/16/2015	397	397	0.10	41.52	368	2.2567%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	64.68744899
USGS 05439000	3/5/1993	396	396	0.10	41.43	370	2.2690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	64.53907993
USGS 05439000	4/3/1993	396	396	0.10	41.43	370	2.2690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	64.53907993
USGS 05439000	4/6/1983	395	395	0.10	41.33	372	2.2812%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	64.39071088
USGS 05439000	2/26/1926	394	394	0.10	41.24	373	2.2874%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	64.24234182
USGS 05439000	11/17/1926	394	394	0.10	41.24	373	2.2874%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	64.24234182
USGS 05439000	12/9/1987	394	394	0.10	41.24	373	2.2874%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	64.24234182
USGS 05439000	4/17/1998	394	394	0.10	41.24	373	2.2874%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	64.24234182
USGS 05439000	3/6/1994	392	392	0.10	41.05	377	2.3119%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	63.94560371
USGS 05439000	7/3/2014	392	392	0.10	41.05	377	2.3119%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	63.94560371
USGS 05439000	12/23/2007	391	391	0.10	40.95	379	2.3242%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	63.79723465
USGS 05439000	5/10/1995	390	390	0.10	40.86	380	2.3303%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	63.64886559
USGS 05439000	5/9/2003	390	390	0.10	40.86	380	2.3303%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	63.64886559
USGS 05439000	3/15/1990	389	389	0.10	40.76	382	2.3426%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	63.50049654
USGS 05439000	1/22/1999	389	389	0.10	40.76	382	2.3426%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	63.50049654
USGS 05439000	8/19/1980	388	388	0.10	40.67	384	2.3548%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	63.35212748

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/1/2009	388	388	0.10	40.67	384	2.3548%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	63.35212748
USGS 05439000	3/14/2010	388	388	0.10	40.67	384	2.3548%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	63.35212748
USGS 05439000	2/12/2009	387	387	0.10	40.57	387	2.3732%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	63.20375842
USGS 05439000	4/18/1993	386	386	0.10	40.48	388	2.3793%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	63.05538937
USGS 05439000	5/12/1999	386	386	0.10	40.48	388	2.3793%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	63.05538937
USGS 05439000	3/22/2007	386	386	0.10	40.48	388	2.3793%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	63.05538937
USGS 05439000	4/10/2008	386	386	0.10	40.48	388	2.3793%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	63.05538937
USGS 05439000	4/2/1929	385	385	0.10	40.38	392	2.4039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	62.90702031
USGS 05439000	5/6/2015	385	385	0.10	40.38	392	2.4039%	Phosphorus, Total	0.426	mg/L	0.289	28.3	92.72799534	62.90702031
USGS 05439000	6/1/2011	383	383	0.10	40.19	394	2.4161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	62.6102822
USGS 05439000	3/28/1983	382	382	0.10	40.09	395	2.4223%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	62.46191314
USGS 05439000	6/19/1996	382	382	0.10	40.09	395	2.4223%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	62.46191314
USGS 05439000	6/24/2013	382	382	0.10	40.09	395	2.4223%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	62.46191314
USGS 05439000	4/10/1926	380	380	0.10	39.90	398	2.4407%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	62.16517503
USGS 05439000	9/24/1926	380	380	0.10	39.90	398	2.4407%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	62.16517503
USGS 05439000	9/25/1926	380	380	0.10	39.90	398	2.4407%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	62.16517503
USGS 05439000	10/5/1926	380	380	0.10	39.90	398	2.4407%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	62.16517503
USGS 05439000	3/19/1991	379	379	0.10	39.81	402	2.4652%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	62.01680597
USGS 05439000	8/9/2007	379	379	0.10	39.81	402	2.4652%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	62.01680597
USGS 05439000	2/28/1985	378	378	0.10	39.71	404	2.4775%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	61.86843691
USGS 05439000	6/2/1989	378	378	0.10	39.71	404	2.4775%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	61.86843691
USGS 05439000	2/24/1997	378	378	0.10	39.71	404	2.4775%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	61.86843691
USGS 05439000	1/7/2008	377	377	0.10	39.62	407	2.4959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	61.72006786
USGS 05439000	1/9/2008	377	377	0.10	39.62	407	2.4959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	61.72006786
USGS 05439000	9/27/1993	376	376	0.10	39.52	409	2.5081%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	61.5716988
USGS 05439000	9/18/1980	375	375	0.10	39.43	410	2.5143%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	61.42332974
USGS 05439000	6/1/1996	375	375	0.10	39.43	410	2.5143%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	61.42332974
USGS 05439000	2/16/1984	374	374	0.10	39.33	412	2.5265%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	61.27496069
USGS 05439000	11/29/1990	374	374	0.10	39.33	412	2.5265%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	61.27496069
USGS 05439000	3/28/1991	373	373	0.10	39.24	414	2.5388%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	61.12659163
USGS 05439000	12/17/1992	372	372	0.10	39.14	415	2.5449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.97822257
USGS 05439000	2/27/2001	372	372	0.10	39.14	415	2.5449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.97822257

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/20/2011	372	372	0.10	39.14	415	2.5449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.97822257
USGS 05439000	6/21/2014	372	372	0.10	39.14	415	2.5449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.97822257
USGS 05439000	3/14/1929	371	371	0.10	39.05	419	2.5694%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.82985352
USGS 05439000	3/18/1929	371	371	0.10	39.05	419	2.5694%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.82985352
USGS 05439000	4/20/2000	371	371	0.10	39.05	419	2.5694%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.82985352
USGS 05439000	7/21/2007	371	371	0.10	39.05	419	2.5694%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.82985352
USGS 05439000	2/11/2009	370	370	0.10	38.95	423	2.5940%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.68148446
USGS 05439000	5/14/2004	369	369	0.10	38.86	424	2.6001%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.5331154
USGS 05439000	4/22/2013	369	369	0.10	38.86	424	2.6001%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.5331154
USGS 05439000	6/27/2013	369	369	0.10	38.86	424	2.6001%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.5331154
USGS 05439000	4/29/1927	367	367	0.10	38.67	427	2.6185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.23637729
USGS 05439000	3/3/1929	367	367	0.10	38.67	427	2.6185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.23637729
USGS 05439000	4/17/1930	367	367	0.10	38.67	427	2.6185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.23637729
USGS 05439000	3/28/1932	367	367	0.10	38.67	427	2.6185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.23637729
USGS 05439000	7/11/1986	367	367	0.10	38.67	427	2.6185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.23637729
USGS 05439000	3/30/2009	366	366	0.10	38.57	432	2.6492%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.08800823
USGS 05439000	5/1/2009	366	366	0.10	38.57	432	2.6492%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.08800823
USGS 05439000	11/19/2015	366	366	0.10	38.57	432	2.6492%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	60.08800823
USGS 05439000	4/21/1998	364	364	0.10	38.38	435	2.6676%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	59.79127012
USGS 05439000	6/12/2011	364	364	0.10	38.38	435	2.6676%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	59.79127012
USGS 05439000	7/8/1982	363	363	0.10	38.28	437	2.6798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	59.64290106
USGS 05439000	7/24/1982	363	363	0.10	38.28	437	2.6798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	59.64290106
USGS 05439000	4/1/2008	362	362	0.10	38.19	439	2.6921%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	59.49453201
USGS 05439000	8/8/1996	360	360	0.10	38.00	440	2.6982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	59.19779389
USGS 05439000	5/14/2002	360	360	0.10	38.00	440	2.6982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	59.19779389
USGS 05439000	9/19/2008	359	359	0.10	37.90	442	2.7105%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	59.04942484
USGS 05439000	7/1/2013	359	359	0.10	37.90	442	2.7105%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	59.04942484
USGS 05439000	6/15/1999	358	358	0.10	37.81	444	2.7228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.90105578
USGS 05439000	4/13/2008	358	358	0.10	37.81	444	2.7228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.90105578
USGS 05439000	3/17/2014	358	358	0.10	37.81	444	2.7228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.90105578
USGS 05439000	2/22/1994	357	357	0.10	37.71	447	2.7412%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.75268672
USGS 05439000	3/14/2008	357	357	0.10	37.71	447	2.7412%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.75268672

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/7/1993	356	356	0.10	37.62	449	2.7534%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.60431767
USGS 05439000	1/15/1995	356	356	0.10	37.62	449	2.7534%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.60431767
USGS 05439000	5/29/1995	356	356	0.10	37.62	449	2.7534%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.60431767
USGS 05439000	3/3/2007	355	355	0.10	37.52	452	2.7718%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.45594861
USGS 05439000	4/27/2007	355	355	0.10	37.52	452	2.7718%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.45594861
USGS 05439000	1/1/2009	355	355	0.10	37.52	452	2.7718%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.45594861
USGS 05439000	3/12/2009	355	355	0.10	37.52	452	2.7718%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.45594861
USGS 05439000	12/28/2009	355	355	0.10	37.52	452	2.7718%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.45594861
USGS 05439000	2/28/1926	354	354	0.10	37.43	457	2.8025%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.30757955
USGS 05439000	6/11/1926	354	354	0.10	37.43	457	2.8025%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.30757955
USGS 05439000	5/27/1927	354	354	0.10	37.43	457	2.8025%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.30757955
USGS 05439000	4/8/1928	354	354	0.10	37.43	457	2.8025%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.30757955
USGS 05439000	7/20/1928	354	354	0.10	37.43	457	2.8025%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.30757955
USGS 05439000	12/8/1982	354	354	0.10	37.43	457	2.8025%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.30757955
USGS 05439000	11/28/2015	354	354	0.10	37.43	457	2.8025%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.30757955
USGS 05439000	6/19/1993	353	353	0.10	37.33	464	2.8454%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.1592105
USGS 05439000	7/10/2007	352	352	0.10	37.24	465	2.8515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.01084144
USGS 05439000	2/28/2009	352	352	0.10	37.24	465	2.8515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.01084144
USGS 05439000	6/9/2009	352	352	0.10	37.24	465	2.8515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	58.01084144
USGS 05439000	3/27/1993	351	351	0.10	37.14	468	2.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	57.86247238
USGS 05439000	4/21/1993	351	351	0.10	37.14	468	2.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	57.86247238
USGS 05439000	5/27/2011	351	351	0.10	37.14	468	2.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	57.86247238
USGS 05439000	3/14/2013	351	351	0.10	37.14	468	2.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	57.86247238
USGS 05439000	6/21/2015	351	351	0.10	37.14	468	2.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	57.86247238
USGS 05439000	7/1/1983	350	350	0.10	37.05	473	2.9006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	57.71410333
USGS 05439000	5/7/1998	350	350	0.10	37.05	473	2.9006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	57.71410333
USGS 05439000	2/19/2011	350	350	0.10	37.05	473	2.9006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	57.71410333
USGS 05439000	1/30/1988	348	348	0.10	36.86	476	2.9190%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	57.41736521
USGS 05439000	3/5/2011	348	348	0.10	36.86	476	2.9190%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	57.41736521
USGS 05439000	11/3/1985	347	347	0.10	36.76	478	2.9313%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	57.26899616
USGS 05439000	4/12/1995	347	347	0.10	36.76	478	2.9313%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	57.26899616
USGS 05439000	6/17/1981	346	346	0.10	36.67	480	2.9435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	57.1206271

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/29/1987	346	346	0.10	36.67	480	2.9435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	57.1206271
USGS 05439000	12/25/1987	346	346	0.10	36.67	480	2.9435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	57.1206271
USGS 05439000	2/9/2009	346	346	0.10	36.67	480	2.9435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	57.1206271
USGS 05439000	2/25/2000	345	345	0.10	36.57	484	2.9681%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.97225804
USGS 05439000	6/16/2000	345	345	0.10	36.57	484	2.9681%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.97225804
USGS 05439000	4/3/1929	344	344	0.10	36.48	486	2.9803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.82388899
USGS 05439000	4/26/1929	344	344	0.10	36.48	486	2.9803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.82388899
USGS 05439000	11/10/1985	344	344	0.10	36.48	486	2.9803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.82388899
USGS 05439000	4/16/1991	344	344	0.10	36.48	486	2.9803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.82388899
USGS 05439000	11/23/1992	344	344	0.10	36.48	486	2.9803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.82388899
USGS 05439000	4/8/1988	343	343	0.10	36.38	491	3.0110%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.67551993
USGS 05439000	4/4/1993	343	343	0.10	36.38	491	3.0110%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.67551993
USGS 05439000	7/24/2010	342	342	0.10	36.28	493	3.0232%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.52715087
USGS 05439000	6/17/1926	341	341	0.10	36.19	494	3.0294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.37878182
USGS 05439000	11/18/1926	341	341	0.10	36.19	494	3.0294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.37878182
USGS 05439000	4/21/1927	341	341	0.10	36.19	494	3.0294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.37878182
USGS 05439000	7/9/1933	341	341	0.10	36.19	494	3.0294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.37878182
USGS 05439000	12/8/1987	341	341	0.10	36.19	494	3.0294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.37878182
USGS 05439000	4/9/2002	341	341	0.10	36.19	494	3.0294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.37878182
USGS 05439000	8/30/2007	341	341	0.10	36.19	494	3.0294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.37878182
USGS 05439000	8/31/1987	340	340	0.10	36.09	501	3.0723%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.23041276
USGS 05439000	4/24/2013	340	340	0.10	36.09	501	3.0723%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.23041276
USGS 05439000	6/20/2015	340	340	0.10	36.09	501	3.0723%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.23041276
USGS 05439000	5/17/1986	339	339	0.10	36.00	504	3.0907%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	56.0820437
USGS 05439000	6/3/2004	338	338	0.10	35.90	505	3.0968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	55.93367465
USGS 05439000	4/19/1993	337	337	0.10	35.81	506	3.1030%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	55.78530559
USGS 05439000	3/16/1982	336	336	0.10	35.71	507	3.1091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	55.63693653
USGS 05439000	4/7/1983	336	336	0.10	35.71	507	3.1091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	55.63693653
USGS 05439000	3/12/2007	336	336	0.10	35.71	507	3.1091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	55.63693653
USGS 05439000	5/9/1995	335	335	0.10	35.62	510	3.1275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	55.48856748
USGS 05439000	3/12/2008	334	334	0.10	35.52	511	3.1336%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	55.34019842
USGS 05439000	5/11/1990	333	333	0.10	35.43	512	3.1398%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	55.19182936

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/10/1998	333	333	0.10	35.43	512	3.1398%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	55.19182936
USGS 05439000	5/10/2003	333	333	0.10	35.43	512	3.1398%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	55.19182936
USGS 05439000	3/13/1929	331	331	0.10	35.24	515	3.1582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	54.89509125
USGS 05439000	6/19/1929	331	331	0.10	35.24	515	3.1582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	54.89509125
USGS 05439000	5/23/1987	331	331	0.10	35.24	515	3.1582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	54.89509125
USGS 05439000	4/28/1999	331	331	0.10	35.24	515	3.1582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	54.89509125
USGS 05439000	3/23/2007	331	331	0.10	35.24	515	3.1582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	54.89509125
USGS 05439000	5/29/1984	330	330	0.10	35.14	520	3.1888%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	54.74672219
USGS 05439000	11/26/1992	329	329	0.10	35.05	521	3.1949%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	54.59835314
USGS 05439000	10/4/1926	328	328	0.10	34.95	522	3.2011%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	54.44998408
USGS 05439000	2/3/1927	328	328	0.10	34.95	522	3.2011%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	54.44998408
USGS 05439000	2/26/1930	328	328	0.10	34.95	522	3.2011%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	54.44998408
USGS 05439000	5/9/1933	328	328	0.10	34.95	522	3.2011%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	54.44998408
USGS 05439000	3/13/1982	328	328	0.10	34.95	522	3.2011%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	54.44998408
USGS 05439000	4/4/1982	328	328	0.10	34.95	522	3.2011%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	54.44998408
USGS 05439000	4/9/2008	328	328	0.10	34.95	522	3.2011%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	54.44998408
USGS 05439000	8/22/2007	327	327	0.10	34.86	529	3.2440%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	54.30161502
USGS 05439000	5/30/1982	326	326	0.10	34.76	530	3.2501%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	54.15324597
USGS 05439000	3/1/1985	326	326	0.10	34.76	530	3.2501%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	54.15324597
USGS 05439000	5/21/1986	326	326	0.10	34.76	530	3.2501%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	54.15324597
USGS 05439000	4/29/1981	324	324	0.10	34.57	533	3.2685%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	53.85650785
USGS 05439000	3/7/1985	323	323	0.10	34.48	534	3.2747%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	53.7081388
USGS 05439000	12/3/1985	322	322	0.10	34.38	535	3.2808%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	53.55976974
USGS 05439000	1/24/2010	322	322	0.10	34.38	535	3.2808%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	53.55976974
USGS 05439000	7/7/1983	321	321	0.10	34.28	537	3.2931%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	53.41140068
USGS 05439000	4/16/1999	321	321	0.10	34.28	537	3.2931%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	53.41140068
USGS 05439000	5/14/1999	321	321	0.10	34.28	537	3.2931%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	53.41140068
USGS 05439000	3/19/2014	321	321	0.10	34.28	537	3.2931%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	53.41140068
USGS 05439000	9/15/1980	320	320	0.10	34.19	541	3.3176%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	53.26303163
USGS 05439000	12/16/1992	320	320	0.10	34.19	541	3.3176%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	53.26303163
USGS 05439000	2/20/2011	320	320	0.10	34.19	541	3.3176%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	53.26303163
USGS 05439000	5/2/2016	320	320	0.10	34.19	541	3.3176%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	53.26303163

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/3/1982	319	319	0.10	34.09	545	3.3421%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	53.11466257
USGS 05439000	5/27/1996	319	319	0.10	34.09	545	3.3421%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	53.11466257
USGS 05439000	3/19/1998	319	319	0.10	34.09	545	3.3421%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	53.11466257
USGS 05439000	4/26/2007	319	319	0.10	34.09	545	3.3421%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	53.11466257
USGS 05439000	3/5/2008	319	319	0.10	34.09	545	3.3421%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	53.11466257
USGS 05439000	11/21/1928	318	318	0.10	34.00	550	3.3728%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.96629351
USGS 05439000	3/15/1929	318	318	0.10	34.00	550	3.3728%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.96629351
USGS 05439000	6/21/1993	318	318	0.10	34.00	550	3.3728%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.96629351
USGS 05439000	4/27/1995	318	318	0.10	34.00	550	3.3728%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.96629351
USGS 05439000	11/23/1931	316	316	0.10	33.81	554	3.3973%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.6695554
USGS 05439000	5/8/1933	316	316	0.10	33.81	554	3.3973%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.6695554
USGS 05439000	4/23/1981	316	316	0.10	33.81	554	3.3973%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.6695554
USGS 05439000	4/11/1983	316	316	0.10	33.81	554	3.3973%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.6695554
USGS 05439000	3/5/2004	316	316	0.10	33.81	554	3.3973%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.6695554
USGS 05439000	5/28/1927	315	315	0.10	33.71	559	3.4280%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.52118635
USGS 05439000	8/10/1980	315	315	0.10	33.71	559	3.4280%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.52118635
USGS 05439000	6/17/1996	315	315	0.10	33.71	559	3.4280%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.52118635
USGS 05439000	4/22/1998	315	315	0.10	33.71	559	3.4280%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.52118635
USGS 05439000	4/20/2009	315	315	0.10	33.71	559	3.4280%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.52118635
USGS 05439000	6/11/1993	314	314	0.10	33.62	564	3.4586%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.37281729
USGS 05439000	5/25/1996	314	314	0.10	33.62	564	3.4586%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.37281729
USGS 05439000	3/24/2007	314	314	0.10	33.62	564	3.4586%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.37281729
USGS 05439000	5/25/1983	313	313	0.10	33.52	567	3.4770%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.22444823
USGS 05439000	2/19/1984	313	313	0.10	33.52	567	3.4770%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.22444823
USGS 05439000	7/12/1986	313	313	0.10	33.52	567	3.4770%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.22444823
USGS 05439000	4/25/1999	313	313	0.10	33.52	567	3.4770%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.22444823
USGS 05439000	5/26/1996	312	312	0.10	33.43	571	3.5016%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.07607918
USGS 05439000	6/4/1996	312	312	0.10	33.43	571	3.5016%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.07607918
USGS 05439000	4/30/2009	312	312	0.10	33.43	571	3.5016%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.07607918
USGS 05439000	2/21/2011	312	312	0.10	33.43	571	3.5016%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	52.07607918
USGS 05439000	3/17/1982	311	311	0.10	33.33	575	3.5261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.92771012
USGS 05439000	3/29/1983	311	311	0.10	33.33	575	3.5261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.92771012

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/20/1987	311	311	0.10	33.33	575	3.5261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.92771012
USGS 05439000	7/23/1996	311	311	0.10	33.33	575	3.5261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.92771012
USGS 05439000	2/12/2001	311	311	0.10	33.33	575	3.5261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.92771012
USGS 05439000	3/9/2002	311	311	0.10	33.33	575	3.5261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.92771012
USGS 05439000	6/16/1929	310	310	0.10	33.24	581	3.5629%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.77934106
USGS 05439000	6/1/1991	310	310	0.10	33.24	581	3.5629%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.77934106
USGS 05439000	5/11/1995	310	310	0.10	33.24	581	3.5629%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.77934106
USGS 05439000	4/2/2009	310	310	0.10	33.24	581	3.5629%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.77934106
USGS 05439000	8/20/1980	309	309	0.10	33.14	585	3.5874%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.63097201
USGS 05439000	4/8/1993	309	309	0.10	33.14	585	3.5874%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.63097201
USGS 05439000	4/17/1999	309	309	0.10	33.14	585	3.5874%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.63097201
USGS 05439000	6/8/2002	309	309	0.10	33.14	585	3.5874%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.63097201
USGS 05439000	5/16/2009	309	309	0.10	33.14	585	3.5874%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.63097201
USGS 05439000	5/16/2011	309	309	0.10	33.14	585	3.5874%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.63097201
USGS 05439000	4/23/2013	309	309	0.10	33.14	585	3.5874%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.63097201
USGS 05439000	12/25/1982	308	308	0.10	33.05	592	3.6303%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.48260295
USGS 05439000	4/10/1993	308	308	0.10	33.05	592	3.6303%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.48260295
USGS 05439000	6/25/2000	308	308	0.10	33.05	592	3.6303%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.48260295
USGS 05439000	6/4/2008	308	308	0.10	33.05	592	3.6303%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.48260295
USGS 05439000	6/8/1996	307	307	0.10	32.95	596	3.6549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.33423389
USGS 05439000	6/1/2000	307	307	0.10	32.95	596	3.6549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.33423389
USGS 05439000	5/25/2004	307	307	0.10	32.95	596	3.6549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.33423389
USGS 05439000	11/10/2011	307	307	0.10	32.95	596	3.6549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.33423389
USGS 05439000	3/3/1997	306	306	0.10	32.86	600	3.6794%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.18586484
USGS 05439000	3/16/1990	305	305	0.10	32.76	601	3.6855%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	51.03749578
USGS 05439000	4/18/1927	303	303	0.10	32.57	602	3.6917%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	50.74075767
USGS 05439000	4/30/1927	303	303	0.10	32.57	602	3.6917%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	50.74075767
USGS 05439000	7/8/1986	303	303	0.10	32.57	602	3.6917%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	50.74075767
USGS 05439000	9/7/1989	303	303	0.10	32.57	602	3.6917%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	50.74075767
USGS 05439000	3/18/1998	303	303	0.10	32.57	602	3.6917%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	50.74075767
USGS 05439000	5/13/2008	303	303	0.10	32.57	602	3.6917%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	50.74075767
USGS 05439000	6/27/1994	302	302	0.10	32.48	608	3.7285%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	50.59238861

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/16/2001	302	302	0.10	32.48	608	3.7285%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	50.59238861
USGS 05439000	3/2/1985	301	301	0.10	32.38	610	3.7407%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	50.44401955
USGS 05439000	5/31/1980	300	300	0.10	32.28	611	3.7469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	50.2956505
USGS 05439000	2/23/1985	300	300	0.10	32.28	611	3.7469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	50.2956505
USGS 05439000	12/20/1987	300	300	0.10	32.28	611	3.7469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	50.2956505
USGS 05439000	11/13/1992	300	300	0.10	32.28	611	3.7469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	50.2956505
USGS 05439000	12/16/2011	300	300	0.10	32.28	611	3.7469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	50.2956505
USGS 05439000	8/6/1989	299	299	0.10	32.19	616	3.7775%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	50.14728144
USGS 05439000	6/11/1998	299	299	0.10	32.19	616	3.7775%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	50.14728144
USGS 05439000	4/22/1999	299	299	0.10	32.19	616	3.7775%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	50.14728144
USGS 05439000	11/9/2011	299	299	0.10	32.19	616	3.7775%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	50.14728144
USGS 05439000	6/12/2004	298	298	0.10	32.09	620	3.8020%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.99891238
USGS 05439000	3/13/2007	298	298	0.10	32.09	620	3.8020%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.99891238
USGS 05439000	3/26/2009	298	298	0.10	32.09	620	3.8020%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.99891238
USGS 05439000	11/21/1992	297	297	0.10	32.00	623	3.8204%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.85054333
USGS 05439000	5/26/1995	297	297	0.10	32.00	623	3.8204%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.85054333
USGS 05439000	8/14/1980	296	296	0.10	31.90	625	3.8327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.70217427
USGS 05439000	6/3/1999	296	296	0.10	31.90	625	3.8327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.70217427
USGS 05439000	5/29/1980	295	295	0.10	31.81	627	3.8450%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.55380521
USGS 05439000	2/17/2008	295	295	0.10	31.81	627	3.8450%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.55380521
USGS 05439000	8/21/1987	294	294	0.10	31.71	629	3.8572%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.40543616
USGS 05439000	12/10/1987	294	294	0.10	31.71	629	3.8572%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.40543616
USGS 05439000	1/6/1993	294	294	0.10	31.71	629	3.8572%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.40543616
USGS 05439000	3/15/2010	294	294	0.10	31.71	629	3.8572%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.40543616
USGS 05439000	11/22/1985	293	293	0.10	31.62	633	3.8818%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.2570671
USGS 05439000	5/17/2002	293	293	0.10	31.62	633	3.8818%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.2570671
USGS 05439000	12/14/1928	292	292	0.10	31.52	635	3.8940%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.10869804
USGS 05439000	12/17/1928	292	292	0.10	31.52	635	3.8940%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.10869804
USGS 05439000	3/7/1929	292	292	0.10	31.52	635	3.8940%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.10869804
USGS 05439000	3/19/1929	292	292	0.10	31.52	635	3.8940%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.10869804
USGS 05439000	2/25/1930	292	292	0.10	31.52	635	3.8940%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.10869804
USGS 05439000	4/21/1930	292	292	0.10	31.52	635	3.8940%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.10869804

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/12/1932	292	292	0.10	31.52	635	3.8940%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.10869804
USGS 05439000	12/25/1932	292	292	0.10	31.52	635	3.8940%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.10869804
USGS 05439000	12/23/2015	292	292	0.10	31.52	635	3.8940%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	49.10869804
USGS 05439000	4/11/1926	291	291	0.10	31.43	644	3.9492%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.96032899
USGS 05439000	11/19/1926	291	291	0.10	31.43	644	3.9492%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.96032899
USGS 05439000	11/26/1926	291	291	0.10	31.43	644	3.9492%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.96032899
USGS 05439000	2/4/1927	291	291	0.10	31.43	644	3.9492%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.96032899
USGS 05439000	3/28/1993	291	291	0.10	31.43	644	3.9492%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.96032899
USGS 05439000	6/30/1993	291	291	0.10	31.43	644	3.9492%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.96032899
USGS 05439000	3/21/1982	290	290	0.10	31.33	650	3.9860%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.81195993
USGS 05439000	4/23/1987	290	290	0.10	31.33	650	3.9860%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.81195993
USGS 05439000	2/12/1998	290	290	0.10	31.33	650	3.9860%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.81195993
USGS 05439000	3/19/1982	289	289	0.10	31.24	653	4.0044%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.66359087
USGS 05439000	12/9/1982	289	289	0.10	31.24	653	4.0044%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.66359087
USGS 05439000	2/17/1984	289	289	0.10	31.24	653	4.0044%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.66359087
USGS 05439000	11/22/1992	289	289	0.10	31.24	653	4.0044%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.66359087
USGS 05439000	5/13/2003	289	289	0.10	31.24	653	4.0044%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.66359087
USGS 05439000	9/16/1980	288	288	0.10	31.14	658	4.0351%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.51522182
USGS 05439000	4/1/1998	288	288	0.10	31.14	658	4.0351%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.51522182
USGS 05439000	5/29/1991	287	287	0.10	31.05	660	4.0473%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.36685276
USGS 05439000	4/9/1998	286	286	0.10	30.95	661	4.0535%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.2184837
USGS 05439000	1/28/1999	286	286	0.10	30.95	661	4.0535%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.2184837
USGS 05439000	5/2/2009	286	286	0.10	30.95	661	4.0535%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.2184837
USGS 05439000	5/16/2010	286	286	0.10	30.95	661	4.0535%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.2184837
USGS 05439000	9/19/1980	285	285	0.10	30.86	665	4.0780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.07011465
USGS 05439000	4/5/1993	285	285	0.10	30.86	665	4.0780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.07011465
USGS 05439000	9/28/1993	285	285	0.10	30.86	665	4.0780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.07011465
USGS 05439000	6/2/2011	285	285	0.10	30.86	665	4.0780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.07011465
USGS 05439000	6/23/2014	285	285	0.10	30.86	665	4.0780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	48.07011465
USGS 05439000	11/13/1985	284	284	0.10	30.76	670	4.1087%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.92174559
USGS 05439000	6/22/2015	284	284	0.10	30.76	670	4.1087%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.92174559
USGS 05439000	6/16/1993	283	283	0.10	30.67	672	4.1209%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.77337653

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/15/1993	283	283	0.10	30.67	672	4.1209%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.77337653
USGS 05439000	11/30/1991	282	282	0.10	30.57	674	4.1332%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.62500748
USGS 05439000	11/8/1994	282	282	0.10	30.57	674	4.1332%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.62500748
USGS 05439000	12/24/2007	282	282	0.10	30.57	674	4.1332%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.62500748
USGS 05439000	6/24/2010	282	282	0.10	30.57	674	4.1332%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.62500748
USGS 05439000	3/10/2013	282	282	0.10	30.57	674	4.1332%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.62500748
USGS 05439000	12/21/1987	281	281	0.10	30.48	679	4.1639%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.47663842
USGS 05439000	4/25/2013	281	281	0.10	30.48	679	4.1639%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.47663842
USGS 05439000	3/22/1929	280	280	0.10	30.38	681	4.1761%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.32826936
USGS 05439000	3/23/1929	280	280	0.10	30.38	681	4.1761%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.32826936
USGS 05439000	3/29/1932	280	280	0.10	30.38	681	4.1761%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.32826936
USGS 05439000	12/24/1932	280	280	0.10	30.38	681	4.1761%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.32826936
USGS 05439000	7/3/1933	280	280	0.10	30.38	681	4.1761%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.32826936
USGS 05439000	4/8/1983	280	280	0.10	30.38	681	4.1761%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.32826936
USGS 05439000	6/25/1996	280	280	0.10	30.38	681	4.1761%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.32826936
USGS 05439000	2/12/1999	280	280	0.10	30.38	681	4.1761%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.32826936
USGS 05439000	8/31/2007	280	280	0.10	30.38	681	4.1761%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.32826936
USGS 05439000	7/4/2014	280	280	0.10	30.38	681	4.1761%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.32826936
USGS 05439000	4/8/1926	279	279	0.10	30.28	691	4.2374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.17990031
USGS 05439000	9/26/1926	279	279	0.10	30.28	691	4.2374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.17990031
USGS 05439000	10/3/1926	279	279	0.10	30.28	691	4.2374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.17990031
USGS 05439000	11/27/1926	279	279	0.10	30.28	691	4.2374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.17990031
USGS 05439000	7/6/1928	279	279	0.10	30.28	691	4.2374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.17990031
USGS 05439000	7/21/1928	279	279	0.10	30.28	691	4.2374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.17990031
USGS 05439000	8/22/1987	279	279	0.10	30.28	691	4.2374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.17990031
USGS 05439000	1/22/1988	279	279	0.10	30.28	691	4.2374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.17990031
USGS 05439000	5/16/2004	279	279	0.10	30.28	691	4.2374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.17990031
USGS 05439000	4/17/1982	278	278	0.10	30.19	700	4.2926%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.03153125
USGS 05439000	11/24/1992	278	278	0.10	30.19	700	4.2926%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.03153125
USGS 05439000	6/20/1996	278	278	0.10	30.19	700	4.2926%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.03153125
USGS 05439000	9/20/2008	278	278	0.10	30.19	700	4.2926%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.03153125
USGS 05439000	12/17/2015	278	278	0.10	30.19	700	4.2926%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	47.03153125

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/22/1993	277	277	0.10	30.09	705	4.3233%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	46.88316219
USGS 05439000	3/18/2014	277	277	0.10	30.09	705	4.3233%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	46.88316219
USGS 05439000	3/20/2014	277	277	0.10	30.09	705	4.3233%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	46.88316219
USGS 05439000	5/28/1982	276	276	0.10	30.00	708	4.3417%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	46.73479314
USGS 05439000	5/31/1991	276	276	0.10	30.00	708	4.3417%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	46.73479314
USGS 05439000	11/28/1983	275	275	0.10	29.90	710	4.3540%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	46.58642408
USGS 05439000	3/31/1988	274	274	0.10	29.81	711	4.3601%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	46.43805502
USGS 05439000	4/18/1998	274	274	0.10	29.81	711	4.3601%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	46.43805502
USGS 05439000	5/15/2002	274	274	0.10	29.81	711	4.3601%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	46.43805502
USGS 05439000	1/26/2010	274	274	0.10	29.81	711	4.3601%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	46.43805502
USGS 05439000	4/27/2011	274	274	0.10	29.81	711	4.3601%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	46.43805502
USGS 05439000	3/20/1991	273	273	0.10	29.71	716	4.3908%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	46.28968597
USGS 05439000	6/19/2014	273	273	0.10	29.71	716	4.3908%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	46.28968597
USGS 05439000	11/16/1985	272	272	0.10	29.62	718	4.4030%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	46.14131691
USGS 05439000	11/18/1985	272	272	0.10	29.62	718	4.4030%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	46.14131691
USGS 05439000	5/12/1990	272	272	0.10	29.62	718	4.4030%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	46.14131691
USGS 05439000	11/2/2009	272	272	0.10	29.62	718	4.4030%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	46.14131691
USGS 05439000	12/1/2015	272	272	0.10	29.62	718	4.4030%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	46.14131691
USGS 05439000	1/24/1993	271	271	0.10	29.52	723	4.4337%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.99294785
USGS 05439000	3/1/2007	271	271	0.10	29.52	723	4.4337%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.99294785
USGS 05439000	1/10/2008	271	271	0.10	29.52	723	4.4337%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.99294785
USGS 05439000	8/11/1980	270	270	0.10	29.43	726	4.4521%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.8445788
USGS 05439000	3/8/1985	270	270	0.10	29.43	726	4.4521%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.8445788
USGS 05439000	3/12/1986	270	270	0.10	29.43	726	4.4521%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.8445788
USGS 05439000	5/1/2003	270	270	0.10	29.43	726	4.4521%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.8445788
USGS 05439000	12/31/2015	270	270	0.10	29.43	726	4.4521%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.8445788
USGS 05439000	3/30/1983	269	269	0.10	29.33	731	4.4827%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.69620974
USGS 05439000	3/8/1993	269	269	0.10	29.33	731	4.4827%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.69620974
USGS 05439000	6/13/1998	269	269	0.10	29.33	731	4.4827%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.69620974
USGS 05439000	7/3/2000	269	269	0.10	29.33	731	4.4827%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.69620974
USGS 05439000	3/13/2009	269	269	0.10	29.33	731	4.4827%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.69620974
USGS 05439000	3/6/2011	269	269	0.10	29.33	731	4.4827%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.69620974

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/22/1928	268	268	0.10	29.24	737	4.5195%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.54784068
USGS 05439000	3/1/1929	268	268	0.10	29.24	737	4.5195%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.54784068
USGS 05439000	4/23/1929	268	268	0.10	29.24	737	4.5195%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.54784068
USGS 05439000	4/18/1930	268	268	0.10	29.24	737	4.5195%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.54784068
USGS 05439000	6/23/1931	268	268	0.10	29.24	737	4.5195%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.54784068
USGS 05439000	11/24/1931	268	268	0.10	29.24	737	4.5195%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.54784068
USGS 05439000	5/2/1933	268	268	0.10	29.24	737	4.5195%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.54784068
USGS 05439000	5/10/1933	268	268	0.10	29.24	737	4.5195%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.54784068
USGS 05439000	10/23/2009	268	268	0.10	29.24	737	4.5195%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.54784068
USGS 05439000	6/13/2011	268	268	0.10	29.24	737	4.5195%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.54784068
USGS 05439000	5/7/2015	268	268	0.10	29.24	737	4.5195%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.54784068
USGS 05439000	2/27/1926	267	267	0.10	29.14	748	4.5870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.39947163
USGS 05439000	6/14/1926	267	267	0.10	29.14	748	4.5870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.39947163
USGS 05439000	10/6/1926	267	267	0.10	29.14	748	4.5870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.39947163
USGS 05439000	3/12/1927	267	267	0.10	29.14	748	4.5870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.39947163
USGS 05439000	4/22/1927	267	267	0.10	29.14	748	4.5870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.39947163
USGS 05439000	6/4/1927	267	267	0.10	29.14	748	4.5870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.39947163
USGS 05439000	10/8/1927	267	267	0.10	29.14	748	4.5870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.39947163
USGS 05439000	12/26/1982	267	267	0.10	29.14	748	4.5870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.39947163
USGS 05439000	11/14/1985	267	267	0.10	29.14	748	4.5870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.39947163
USGS 05439000	11/30/1990	267	267	0.10	29.14	748	4.5870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.39947163
USGS 05439000	3/2/1991	267	267	0.10	29.14	748	4.5870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.39947163
USGS 05439000	5/16/2002	267	267	0.10	29.14	748	4.5870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.39947163
USGS 05439000	5/20/2004	267	267	0.10	29.14	748	4.5870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.39947163
USGS 05439000	4/14/2008	267	267	0.10	29.14	748	4.5870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.39947163
USGS 05439000	5/27/1995	266	266	0.10	29.05	762	4.6728%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.25110257
USGS 05439000	12/29/2009	266	266	0.10	29.05	762	4.6728%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.25110257
USGS 05439000	6/29/2013	266	266	0.10	29.05	762	4.6728%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.25110257
USGS 05439000	12/2/2015	266	266	0.10	29.05	762	4.6728%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.25110257
USGS 05439000	4/9/1988	265	265	0.10	28.95	766	4.6974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.10273351
USGS 05439000	2/25/1997	265	265	0.10	28.95	766	4.6974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.10273351
USGS 05439000	3/6/2004	265	265	0.10	28.95	766	4.6974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.10273351

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/21/2011	265	265	0.10	28.95	766	4.6974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	45.10273351
USGS 05439000	1/26/1999	264	264	0.10	28.86	770	4.7219%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.95436446
USGS 05439000	6/6/2001	264	264	0.10	28.86	770	4.7219%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.95436446
USGS 05439000	11/11/1985	263	263	0.10	28.76	772	4.7342%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.8059954
USGS 05439000	9/1/1987	263	263	0.10	28.76	772	4.7342%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.8059954
USGS 05439000	6/3/1989	263	263	0.10	28.76	772	4.7342%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.8059954
USGS 05439000	4/23/2011	263	263	0.10	28.76	772	4.7342%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.8059954
USGS 05439000	3/25/2007	262	262	0.10	28.67	776	4.7587%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.65762634
USGS 05439000	3/29/2009	262	262	0.10	28.67	776	4.7587%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.65762634
USGS 05439000	5/13/1990	261	261	0.10	28.57	778	4.7710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.50925729
USGS 05439000	7/30/1996	261	261	0.10	28.57	778	4.7710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.50925729
USGS 05439000	3/10/2011	261	261	0.10	28.57	778	4.7710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.50925729
USGS 05439000	4/26/2011	261	261	0.10	28.57	778	4.7710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.50925729
USGS 05439000	12/26/1987	260	260	0.10	28.48	782	4.7955%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.36088823
USGS 05439000	6/4/1995	260	260	0.10	28.48	782	4.7955%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.36088823
USGS 05439000	6/12/1999	260	260	0.10	28.48	782	4.7955%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.36088823
USGS 05439000	6/4/2004	260	260	0.10	28.48	782	4.7955%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.36088823
USGS 05439000	6/28/2013	260	260	0.10	28.48	782	4.7955%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.36088823
USGS 05439000	6/2/2000	259	259	0.10	28.38	787	4.8261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.21251917
USGS 05439000	4/21/2009	259	259	0.10	28.38	787	4.8261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.21251917
USGS 05439000	3/14/1982	258	258	0.10	28.28	789	4.8384%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.06415012
USGS 05439000	4/12/1983	258	258	0.10	28.28	789	4.8384%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.06415012
USGS 05439000	7/8/1983	258	258	0.10	28.28	789	4.8384%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.06415012
USGS 05439000	12/18/1992	258	258	0.10	28.28	789	4.8384%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.06415012
USGS 05439000	4/28/2007	258	258	0.10	28.28	789	4.8384%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.06415012
USGS 05439000	5/26/2008	258	258	0.10	28.28	789	4.8384%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.06415012
USGS 05439000	4/11/2013	258	258	0.10	28.28	789	4.8384%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	44.06415012
USGS 05439000	3/30/1932	257	257	0.10	28.19	796	4.8813%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.91578106
USGS 05439000	11/27/1992	257	257	0.10	28.19	796	4.8813%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.91578106
USGS 05439000	7/25/1993	257	257	0.10	28.19	796	4.8813%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.91578106
USGS 05439000	3/14/2007	257	257	0.10	28.19	796	4.8813%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.91578106
USGS 05439000	8/10/2007	257	257	0.10	28.19	796	4.8813%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.91578106

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/11/2015	257	257	0.10	28.19	796	4.8813%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.91578106
USGS 05439000	12/15/1928	256	256	0.10	28.09	802	4.9181%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.767412
USGS 05439000	4/27/1929	256	256	0.10	28.09	802	4.9181%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.767412
USGS 05439000	2/18/1984	256	256	0.10	28.09	802	4.9181%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.767412
USGS 05439000	6/2/1991	256	256	0.10	28.09	802	4.9181%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.767412
USGS 05439000	3/29/1993	256	256	0.10	28.09	802	4.9181%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.767412
USGS 05439000	7/11/2000	256	256	0.10	28.09	802	4.9181%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.767412
USGS 05439000	2/19/1926	255	255	0.10	28.00	808	4.9549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.61904295
USGS 05439000	3/2/1926	255	255	0.10	28.00	808	4.9549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.61904295
USGS 05439000	10/2/1926	255	255	0.10	28.00	808	4.9549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.61904295
USGS 05439000	11/20/1926	255	255	0.10	28.00	808	4.9549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.61904295
USGS 05439000	5/29/1927	255	255	0.10	28.00	808	4.9549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.61904295
USGS 05439000	6/23/1928	255	255	0.10	28.00	808	4.9549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.61904295
USGS 05439000	11/2/1987	254	254	0.10	27.90	814	4.9917%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.47067389
USGS 05439000	4/11/1995	254	254	0.10	27.90	814	4.9917%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.47067389
USGS 05439000	5/24/1996	254	254	0.10	27.90	814	4.9917%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.47067389
USGS 05439000	2/2/1999	254	254	0.10	27.90	814	4.9917%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.47067389
USGS 05439000	4/28/1995	253	253	0.10	27.81	818	5.0163%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.32230483
USGS 05439000	7/24/1996	253	253	0.10	27.81	818	5.0163%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.32230483
USGS 05439000	4/10/1998	253	253	0.10	27.81	818	5.0163%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.32230483
USGS 05439000	6/13/2004	253	253	0.10	27.81	818	5.0163%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.32230483
USGS 05439000	3/21/2007	253	253	0.10	27.81	818	5.0163%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.32230483
USGS 05439000	5/8/2012	253	253	0.10	27.81	818	5.0163%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.32230483
USGS 05439000	4/17/2013	253	253	0.10	27.81	818	5.0163%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.32230483
USGS 05439000	6/1/1980	252	252	0.10	27.71	825	5.0592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.17393578
USGS 05439000	4/30/1981	252	252	0.10	27.71	825	5.0592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.17393578
USGS 05439000	5/1/1981	252	252	0.10	27.71	825	5.0592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.17393578
USGS 05439000	5/22/1986	252	252	0.10	27.71	825	5.0592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.17393578
USGS 05439000	5/30/1995	252	252	0.10	27.71	825	5.0592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.17393578
USGS 05439000	2/26/1997	252	252	0.10	27.71	825	5.0592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.17393578
USGS 05439000	5/11/1998	252	252	0.10	27.71	825	5.0592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.17393578
USGS 05439000	4/6/2010	252	252	0.10	27.71	825	5.0592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.17393578

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/18/1981	251	251	0.10	27.62	833	5.1082%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.02556672
USGS 05439000	3/30/1988	251	251	0.10	27.62	833	5.1082%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.02556672
USGS 05439000	3/17/1990	251	251	0.10	27.62	833	5.1082%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.02556672
USGS 05439000	4/13/1995	251	251	0.10	27.62	833	5.1082%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.02556672
USGS 05439000	11/12/1995	251	251	0.10	27.62	833	5.1082%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	43.02556672
USGS 05439000	2/2/1988	250	250	0.10	27.52	838	5.1389%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.87719766
USGS 05439000	11/25/1992	250	250	0.10	27.52	838	5.1389%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.87719766
USGS 05439000	8/9/1996	250	250	0.10	27.52	838	5.1389%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.87719766
USGS 05439000	5/26/2004	250	250	0.10	27.52	838	5.1389%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.87719766
USGS 05439000	7/25/1982	249	249	0.10	27.43	842	5.1634%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.72882861
USGS 05439000	2/20/1983	249	249	0.10	27.43	842	5.1634%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.72882861
USGS 05439000	3/3/1985	249	249	0.10	27.43	842	5.1634%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.72882861
USGS 05439000	6/29/1990	249	249	0.10	27.43	842	5.1634%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.72882861
USGS 05439000	3/29/1991	249	249	0.10	27.43	842	5.1634%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.72882861
USGS 05439000	5/10/1996	249	249	0.10	27.43	842	5.1634%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.72882861
USGS 05439000	7/10/2000	249	249	0.10	27.43	842	5.1634%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.72882861
USGS 05439000	6/9/2008	249	249	0.10	27.43	842	5.1634%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.72882861
USGS 05439000	3/21/2014	249	249	0.10	27.43	842	5.1634%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.72882861
USGS 05439000	9/20/1980	248	248	0.10	27.33	851	5.2186%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.58045955
USGS 05439000	6/28/1982	248	248	0.10	27.33	851	5.2186%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.58045955
USGS 05439000	6/10/1998	248	248	0.10	27.33	851	5.2186%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.58045955
USGS 05439000	3/4/2007	248	248	0.10	27.33	851	5.2186%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.58045955
USGS 05439000	3/5/1986	247	247	0.10	27.24	855	5.2431%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.43209049
USGS 05439000	3/24/1929	246	246	0.10	27.14	856	5.2493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.28372144
USGS 05439000	4/20/1930	246	246	0.10	27.14	856	5.2493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.28372144
USGS 05439000	6/24/1931	246	246	0.10	27.14	856	5.2493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.28372144
USGS 05439000	3/3/1932	246	246	0.10	27.14	856	5.2493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.28372144
USGS 05439000	5/30/1981	246	246	0.10	27.14	856	5.2493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.28372144
USGS 05439000	12/10/1982	246	246	0.10	27.14	856	5.2493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.28372144
USGS 05439000	5/26/1983	246	246	0.10	27.14	856	5.2493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.28372144
USGS 05439000	5/26/1984	246	246	0.10	27.14	856	5.2493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.28372144
USGS 05439000	11/9/1994	246	246	0.10	27.14	856	5.2493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.28372144

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/29/1999	246	246	0.10	27.14	856	5.2493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.28372144
USGS 05439000	4/7/2010	246	246	0.10	27.14	856	5.2493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.28372144
USGS 05439000	5/28/2011	246	246	0.10	27.14	856	5.2493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.28372144
USGS 05439000	6/5/1996	245	245	0.10	27.05	868	5.3229%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.13535238
USGS 05439000	2/14/2005	245	245	0.10	27.05	868	5.3229%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.13535238
USGS 05439000	12/25/2015	245	245	0.10	27.05	868	5.3229%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	42.13535238
USGS 05439000	12/18/1928	244	244	0.10	26.95	871	5.3413%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.98698332
USGS 05439000	3/20/1929	244	244	0.10	26.95	871	5.3413%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.98698332
USGS 05439000	4/4/1929	244	244	0.10	26.95	871	5.3413%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.98698332
USGS 05439000	4/14/1983	244	244	0.10	26.95	871	5.3413%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.98698332
USGS 05439000	8/4/2010	244	244	0.10	26.95	871	5.3413%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.98698332
USGS 05439000	3/13/1927	243	243	0.10	26.86	876	5.3719%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.83861427
USGS 05439000	4/9/1928	243	243	0.10	26.86	876	5.3719%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.83861427
USGS 05439000	4/22/2000	243	243	0.10	26.86	876	5.3719%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.83861427
USGS 05439000	3/15/2008	243	243	0.10	26.86	876	5.3719%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.83861427
USGS 05439000	11/17/1985	242	242	0.10	26.76	880	5.3965%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.69024521
USGS 05439000	12/24/1987	242	242	0.10	26.76	880	5.3965%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.69024521
USGS 05439000	6/18/1993	242	242	0.10	26.76	880	5.3965%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.69024521
USGS 05439000	7/21/1993	242	242	0.10	26.76	880	5.3965%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.69024521
USGS 05439000	3/14/2015	242	242	0.10	26.76	880	5.3965%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.69024521
USGS 05439000	3/9/1985	241	241	0.10	26.67	885	5.4271%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.54187615
USGS 05439000	4/17/1991	241	241	0.10	26.67	885	5.4271%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.54187615
USGS 05439000	6/9/1996	241	241	0.10	26.67	885	5.4271%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.54187615
USGS 05439000	11/30/1987	240	240	0.10	26.57	888	5.4455%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.3935071
USGS 05439000	10/19/1998	240	240	0.10	26.57	888	5.4455%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.3935071
USGS 05439000	5/12/2010	240	240	0.10	26.57	888	5.4455%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.3935071
USGS 05439000	4/13/1983	239	239	0.10	26.48	891	5.4639%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.24513804
USGS 05439000	6/2/1995	239	239	0.10	26.48	891	5.4639%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.24513804
USGS 05439000	10/24/2009	239	239	0.10	26.48	891	5.4639%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.24513804
USGS 05439000	6/17/2000	238	238	0.10	26.38	894	5.4823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.09676898
USGS 05439000	2/28/2001	238	238	0.10	26.38	894	5.4823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.09676898
USGS 05439000	3/9/2007	238	238	0.10	26.38	894	5.4823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.09676898

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/3/2009	238	238	0.10	26.38	894	5.4823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.09676898
USGS 05439000	12/14/2011	238	238	0.10	26.38	894	5.4823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.09676898
USGS 05439000	6/30/2014	238	238	0.10	26.38	894	5.4823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	41.09676898
USGS 05439000	3/19/1983	237	237	0.10	26.28	900	5.5191%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.94839993
USGS 05439000	5/2/1983	237	237	0.10	26.28	900	5.5191%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.94839993
USGS 05439000	5/25/1984	237	237	0.10	26.28	900	5.5191%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.94839993
USGS 05439000	5/24/1987	237	237	0.10	26.28	900	5.5191%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.94839993
USGS 05439000	6/12/1993	237	237	0.10	26.28	900	5.5191%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.94839993
USGS 05439000	4/23/1998	237	237	0.10	26.28	900	5.5191%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.94839993
USGS 05439000	4/10/2002	237	237	0.10	26.28	900	5.5191%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.94839993
USGS 05439000	3/16/2010	237	237	0.10	26.28	900	5.5191%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.94839993
USGS 05439000	3/16/2013	237	237	0.10	26.28	900	5.5191%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.94839993
USGS 05439000	5/3/2016	237	237	0.10	26.28	900	5.5191%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.94839993
USGS 05439000	2/20/1984	236	236	0.10	26.19	910	5.5804%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.80003087
USGS 05439000	1/22/1993	236	236	0.10	26.19	910	5.5804%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.80003087
USGS 05439000	6/9/2002	236	236	0.10	26.19	910	5.5804%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.80003087
USGS 05439000	6/14/2009	236	236	0.10	26.19	910	5.5804%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.80003087
USGS 05439000	3/9/2010	236	236	0.10	26.19	910	5.5804%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.80003087
USGS 05439000	6/23/2015	236	236	0.10	26.19	910	5.5804%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.80003087
USGS 05439000	3/31/1983	235	235	0.10	26.09	916	5.6172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.65166181
USGS 05439000	7/13/1986	235	235	0.10	26.09	916	5.6172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.65166181
USGS 05439000	3/21/1991	235	235	0.10	26.09	916	5.6172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.65166181
USGS 05439000	3/26/1991	235	235	0.10	26.09	916	5.6172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.65166181
USGS 05439000	1/1/1993	235	235	0.10	26.09	916	5.6172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.65166181
USGS 05439000	3/6/2008	235	235	0.10	26.09	916	5.6172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.65166181
USGS 05439000	3/31/2008	235	235	0.10	26.09	916	5.6172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.65166181
USGS 05439000	1/2/2009	235	235	0.10	26.09	916	5.6172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.65166181
USGS 05439000	4/5/1982	234	234	0.10	26.00	924	5.6663%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.50329276
USGS 05439000	3/20/1983	234	234	0.10	26.00	924	5.6663%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.50329276
USGS 05439000	3/13/1986	234	234	0.10	26.00	924	5.6663%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.50329276
USGS 05439000	3/20/1998	234	234	0.10	26.00	924	5.6663%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.50329276
USGS 05439000	2/3/1999	234	234	0.10	26.00	924	5.6663%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.50329276

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/23/2009	234	234	0.10	26.00	924	5.6663%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.50329276
USGS 05439000	4/24/1929	233	233	0.10	25.90	930	5.7031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.3549237
USGS 05439000	5/28/1984	233	233	0.10	25.90	930	5.7031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.3549237
USGS 05439000	11/12/1992	233	233	0.10	25.90	930	5.7031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.3549237
USGS 05439000	11/10/1994	233	233	0.10	25.90	930	5.7031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.3549237
USGS 05439000	1/11/2008	233	233	0.10	25.90	930	5.7031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.3549237
USGS 05439000	6/13/2009	233	233	0.10	25.90	930	5.7031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.3549237
USGS 05439000	11/28/1926	232	232	0.10	25.81	936	5.7399%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.20655464
USGS 05439000	2/7/1927	232	232	0.10	25.81	936	5.7399%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.20655464
USGS 05439000	4/14/1981	232	232	0.10	25.81	936	5.7399%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.20655464
USGS 05439000	5/30/1984	232	232	0.10	25.81	936	5.7399%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.20655464
USGS 05439000	11/4/1985	232	232	0.10	25.81	936	5.7399%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.20655464
USGS 05439000	12/4/1985	232	232	0.10	25.81	936	5.7399%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.20655464
USGS 05439000	12/11/1987	232	232	0.10	25.81	936	5.7399%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.20655464
USGS 05439000	12/9/1991	232	232	0.10	25.81	936	5.7399%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.20655464
USGS 05439000	3/23/1994	232	232	0.10	25.81	936	5.7399%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.20655464
USGS 05439000	5/12/2015	232	232	0.10	25.81	936	5.7399%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.20655464
USGS 05439000	8/1/1989	231	231	0.10	25.71	946	5.8012%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.05818559
USGS 05439000	5/12/1995	231	231	0.10	25.71	946	5.8012%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.05818559
USGS 05439000	3/4/1997	231	231	0.10	25.71	946	5.8012%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.05818559
USGS 05439000	4/27/1999	231	231	0.10	25.71	946	5.8012%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.05818559
USGS 05439000	4/2/2008	231	231	0.10	25.71	946	5.8012%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	40.05818559
USGS 05439000	9/1/1980	230	230	0.10	25.62	951	5.8319%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.90981653
USGS 05439000	11/23/1985	230	230	0.10	25.62	951	5.8319%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.90981653
USGS 05439000	3/30/1993	230	230	0.10	25.62	951	5.8319%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.90981653
USGS 05439000	4/6/1993	230	230	0.10	25.62	951	5.8319%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.90981653
USGS 05439000	4/23/1993	230	230	0.10	25.62	951	5.8319%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.90981653
USGS 05439000	6/6/1996	230	230	0.10	25.62	951	5.8319%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.90981653
USGS 05439000	1/7/1998	230	230	0.10	25.62	951	5.8319%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.90981653
USGS 05439000	3/15/2013	230	230	0.10	25.62	951	5.8319%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.90981653
USGS 05439000	7/2/2013	230	230	0.10	25.62	951	5.8319%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.90981653
USGS 05439000	8/21/1980	229	229	0.10	25.52	960	5.8870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.76144747

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/24/1984	229	229	0.10	25.52	960	5.8870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.76144747
USGS 05439000	4/11/1993	229	229	0.10	25.52	960	5.8870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.76144747
USGS 05439000	6/16/1999	229	229	0.10	25.52	960	5.8870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.76144747
USGS 05439000	5/5/2003	229	229	0.10	25.52	960	5.8870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.76144747
USGS 05439000	12/22/2006	229	229	0.10	25.52	960	5.8870%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.76144747
USGS 05439000	12/22/1987	228	228	0.10	25.43	966	5.9238%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.61307842
USGS 05439000	6/30/1990	228	228	0.10	25.43	966	5.9238%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.61307842
USGS 05439000	2/6/1993	228	228	0.10	25.43	966	5.9238%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.61307842
USGS 05439000	2/19/2008	228	228	0.10	25.43	966	5.9238%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.61307842
USGS 05439000	6/19/2010	228	228	0.10	25.43	966	5.9238%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.61307842
USGS 05439000	8/5/2010	228	228	0.10	25.43	966	5.9238%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.61307842
USGS 05439000	3/9/2011	228	228	0.10	25.43	966	5.9238%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.61307842
USGS 05439000	4/28/2011	228	228	0.10	25.43	966	5.9238%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.61307842
USGS 05439000	5/17/2011	228	228	0.10	25.43	966	5.9238%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.61307842
USGS 05439000	6/3/2011	228	228	0.10	25.43	966	5.9238%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.61307842
USGS 05439000	6/17/1993	227	227	0.10	25.33	976	5.9852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.46470936
USGS 05439000	6/22/1993	227	227	0.10	25.33	976	5.9852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.46470936
USGS 05439000	5/11/1996	227	227	0.10	25.33	976	5.9852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.46470936
USGS 05439000	4/26/1999	227	227	0.10	25.33	976	5.9852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.46470936
USGS 05439000	2/13/2001	227	227	0.10	25.33	976	5.9852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.46470936
USGS 05439000	5/18/2002	227	227	0.10	25.33	976	5.9852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.46470936
USGS 05439000	7/14/2008	227	227	0.10	25.33	976	5.9852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.46470936
USGS 05439000	5/7/2012	227	227	0.10	25.33	976	5.9852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.46470936
USGS 05439000	3/25/2016	227	227	0.10	25.33	976	5.9852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.46470936
USGS 05439000	9/6/1989	226	226	0.10	25.24	985	6.0404%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.3163403
USGS 05439000	4/2/1998	226	226	0.10	25.24	985	6.0404%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.3163403
USGS 05439000	1/27/1999	226	226	0.10	25.24	985	6.0404%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.3163403
USGS 05439000	12/7/1998	225	225	0.10	25.14	988	6.0587%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.16797125
USGS 05439000	2/14/2001	225	225	0.10	25.14	988	6.0587%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.16797125
USGS 05439000	9/1/2007	225	225	0.10	25.14	988	6.0587%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.16797125
USGS 05439000	2/13/2009	225	225	0.10	25.14	988	6.0587%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.16797125
USGS 05439000	5/27/2009	225	225	0.10	25.14	988	6.0587%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.16797125

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/10/2009	225	225	0.10	25.14	988	6.0587%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.16797125
USGS 05439000	11/20/2015	225	225	0.10	25.14	988	6.0587%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.16797125
USGS 05439000	11/29/2015	225	225	0.10	25.14	988	6.0587%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.16797125
USGS 05439000	2/27/1930	224	224	0.10	25.05	996	6.1078%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.01960219
USGS 05439000	4/22/1930	224	224	0.10	25.05	996	6.1078%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.01960219
USGS 05439000	5/6/1933	224	224	0.10	25.05	996	6.1078%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.01960219
USGS 05439000	5/11/1933	224	224	0.10	25.05	996	6.1078%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.01960219
USGS 05439000	5/12/1933	224	224	0.10	25.05	996	6.1078%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.01960219
USGS 05439000	6/30/1933	224	224	0.10	25.05	996	6.1078%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.01960219
USGS 05439000	7/25/1996	224	224	0.10	25.05	996	6.1078%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.01960219
USGS 05439000	2/26/2000	224	224	0.10	25.05	996	6.1078%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.01960219
USGS 05439000	5/14/2003	224	224	0.10	25.05	996	6.1078%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.01960219
USGS 05439000	3/15/2007	224	224	0.10	25.05	996	6.1078%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.01960219
USGS 05439000	4/22/2011	224	224	0.10	25.05	996	6.1078%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.01960219
USGS 05439000	4/26/2013	224	224	0.10	25.05	996	6.1078%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	39.01960219
USGS 05439000	9/23/1980	223	223	0.10	24.95	1008	6.1814%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.87123313
USGS 05439000	4/12/1982	223	223	0.10	24.95	1008	6.1814%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.87123313
USGS 05439000	11/12/1982	223	223	0.10	24.95	1008	6.1814%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.87123313
USGS 05439000	5/30/1991	223	223	0.10	24.95	1008	6.1814%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.87123313
USGS 05439000	3/9/1998	223	223	0.10	24.95	1008	6.1814%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.87123313
USGS 05439000	1/1/2011	223	223	0.10	24.95	1008	6.1814%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.87123313
USGS 05439000	11/23/1928	222	222	0.10	24.86	1014	6.2182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.72286408
USGS 05439000	2/28/1929	222	222	0.10	24.86	1014	6.2182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.72286408
USGS 05439000	3/21/1929	222	222	0.10	24.86	1014	6.2182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.72286408
USGS 05439000	4/28/1929	222	222	0.10	24.86	1014	6.2182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.72286408
USGS 05439000	6/17/1929	222	222	0.10	24.86	1014	6.2182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.72286408
USGS 05439000	6/20/1929	222	222	0.10	24.86	1014	6.2182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.72286408
USGS 05439000	4/16/1980	222	222	0.10	24.86	1014	6.2182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.72286408
USGS 05439000	4/1/1983	222	222	0.10	24.86	1014	6.2182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.72286408
USGS 05439000	4/3/1988	222	222	0.10	24.86	1014	6.2182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.72286408
USGS 05439000	3/9/1993	222	222	0.10	24.86	1014	6.2182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.72286408
USGS 05439000	3/17/1999	222	222	0.10	24.86	1014	6.2182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.72286408

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/15/2001	222	222	0.10	24.86	1014	6.2182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.72286408
USGS 05439000	5/17/2009	222	222	0.10	24.86	1014	6.2182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.72286408
USGS 05439000	9/27/1926	221	221	0.10	24.76	1027	6.2979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.57449502
USGS 05439000	10/1/1926	221	221	0.10	24.76	1027	6.2979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.57449502
USGS 05439000	10/7/1926	221	221	0.10	24.76	1027	6.2979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.57449502
USGS 05439000	11/21/1926	221	221	0.10	24.76	1027	6.2979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.57449502
USGS 05439000	2/2/1927	221	221	0.10	24.76	1027	6.2979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.57449502
USGS 05439000	4/12/1980	221	221	0.10	24.76	1027	6.2979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.57449502
USGS 05439000	5/31/1982	221	221	0.10	24.76	1027	6.2979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.57449502
USGS 05439000	7/9/1982	221	221	0.10	24.76	1027	6.2979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.57449502
USGS 05439000	1/23/1993	221	221	0.10	24.76	1027	6.2979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.57449502
USGS 05439000	5/5/1993	221	221	0.10	24.76	1027	6.2979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.57449502
USGS 05439000	9/14/1993	221	221	0.10	24.76	1027	6.2979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.57449502
USGS 05439000	5/15/1999	221	221	0.10	24.76	1027	6.2979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.57449502
USGS 05439000	9/21/2008	221	221	0.10	24.76	1027	6.2979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.57449502
USGS 05439000	3/27/2009	221	221	0.10	24.76	1027	6.2979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.57449502
USGS 05439000	6/2/1980	220	220	0.10	24.67	1041	6.3838%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.42612596
USGS 05439000	9/21/1980	220	220	0.10	24.67	1041	6.3838%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.42612596
USGS 05439000	3/11/1985	220	220	0.10	24.67	1041	6.3838%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.42612596
USGS 05439000	12/30/1992	220	220	0.10	24.67	1041	6.3838%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.42612596
USGS 05439000	9/29/1993	220	220	0.10	24.67	1041	6.3838%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.42612596
USGS 05439000	3/18/1999	220	220	0.10	24.67	1041	6.3838%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.42612596
USGS 05439000	4/27/2009	220	220	0.10	24.67	1041	6.3838%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.42612596
USGS 05439000	4/8/1980	219	219	0.10	24.57	1048	6.4267%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.27775691
USGS 05439000	5/11/2010	219	219	0.10	24.57	1048	6.4267%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.27775691
USGS 05439000	3/22/2014	219	219	0.10	24.57	1048	6.4267%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.27775691
USGS 05439000	7/22/1928	218	218	0.10	24.48	1051	6.4451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.12938785
USGS 05439000	12/28/1982	218	218	0.10	24.48	1051	6.4451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.12938785
USGS 05439000	11/15/1985	218	218	0.10	24.48	1051	6.4451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.12938785
USGS 05439000	4/24/1987	218	218	0.10	24.48	1051	6.4451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.12938785
USGS 05439000	7/1/1993	218	218	0.10	24.48	1051	6.4451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.12938785
USGS 05439000	2/24/2001	218	218	0.10	24.48	1051	6.4451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.12938785

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/19/2001	218	218	0.10	24.48	1051	6.4451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.12938785
USGS 05439000	7/13/2014	218	218	0.10	24.48	1051	6.4451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.12938785
USGS 05439000	11/26/2015	218	218	0.10	24.48	1051	6.4451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	38.12938785
USGS 05439000	4/18/1982	217	217	0.10	24.38	1060	6.5003%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.98101879
USGS 05439000	12/11/1982	217	217	0.10	24.38	1060	6.5003%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.98101879
USGS 05439000	7/9/1983	217	217	0.10	24.38	1060	6.5003%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.98101879
USGS 05439000	2/6/1991	217	217	0.10	24.38	1060	6.5003%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.98101879
USGS 05439000	7/26/1993	217	217	0.10	24.38	1060	6.5003%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.98101879
USGS 05439000	6/11/1996	217	217	0.10	24.38	1060	6.5003%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.98101879
USGS 05439000	6/5/2004	217	217	0.10	24.38	1060	6.5003%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.98101879
USGS 05439000	7/11/2007	217	217	0.10	24.38	1060	6.5003%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.98101879
USGS 05439000	2/23/1994	216	216	0.10	24.28	1068	6.5493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.83264974
USGS 05439000	3/20/2001	216	216	0.10	24.28	1068	6.5493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.83264974
USGS 05439000	12/23/2006	216	216	0.10	24.28	1068	6.5493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.83264974
USGS 05439000	3/26/2007	216	216	0.10	24.28	1068	6.5493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.83264974
USGS 05439000	4/9/1980	215	215	0.10	24.19	1072	6.5739%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.68428068
USGS 05439000	7/4/1982	215	215	0.10	24.19	1072	6.5739%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.68428068
USGS 05439000	3/10/1985	215	215	0.10	24.19	1072	6.5739%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.68428068
USGS 05439000	6/28/1993	215	215	0.10	24.19	1072	6.5739%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.68428068
USGS 05439000	4/10/1988	214	214	0.10	24.09	1076	6.5984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.53591162
USGS 05439000	9/8/1989	214	214	0.10	24.09	1076	6.5984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.53591162
USGS 05439000	1/16/1995	214	214	0.10	24.09	1076	6.5984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.53591162
USGS 05439000	4/19/1998	214	214	0.10	24.09	1076	6.5984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.53591162
USGS 05439000	3/10/2002	214	214	0.10	24.09	1076	6.5984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.53591162
USGS 05439000	5/17/2004	214	214	0.10	24.09	1076	6.5984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.53591162
USGS 05439000	5/27/2004	214	214	0.10	24.09	1076	6.5984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.53591162
USGS 05439000	3/14/2009	214	214	0.10	24.09	1076	6.5984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.53591162
USGS 05439000	12/30/2009	214	214	0.10	24.09	1076	6.5984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.53591162
USGS 05439000	4/24/2011	214	214	0.10	24.09	1076	6.5984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.53591162
USGS 05439000	5/13/1933	213	213	0.10	24.00	1086	6.6597%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.38754257
USGS 05439000	4/24/1981	213	213	0.10	24.00	1086	6.6597%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.38754257
USGS 05439000	12/27/1982	213	213	0.10	24.00	1086	6.6597%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.38754257

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/29/1983	213	213	0.10	24.00	1086	6.6597%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.38754257
USGS 05439000	8/7/1989	213	213	0.10	24.00	1086	6.6597%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.38754257
USGS 05439000	3/17/1991	213	213	0.10	24.00	1086	6.6597%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.38754257
USGS 05439000	6/21/1996	213	213	0.10	24.00	1086	6.6597%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.38754257
USGS 05439000	5/6/1999	213	213	0.10	24.00	1086	6.6597%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.38754257
USGS 05439000	5/7/1999	213	213	0.10	24.00	1086	6.6597%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.38754257
USGS 05439000	12/13/2006	213	213	0.10	24.00	1086	6.6597%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.38754257
USGS 05439000	12/10/2008	213	213	0.10	24.00	1086	6.6597%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.38754257
USGS 05439000	5/13/2011	213	213	0.10	24.00	1086	6.6597%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.38754257
USGS 05439000	12/22/2015	213	213	0.10	24.00	1086	6.6597%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.38754257
USGS 05439000	9/22/1980	212	212	0.10	23.90	1099	6.7394%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.23917351
USGS 05439000	4/15/1983	212	212	0.10	23.90	1099	6.7394%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.23917351
USGS 05439000	5/4/1993	212	212	0.10	23.90	1099	6.7394%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.23917351
USGS 05439000	12/16/1928	211	211	0.10	23.81	1102	6.7578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.09080445
USGS 05439000	3/8/1929	211	211	0.10	23.81	1102	6.7578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.09080445
USGS 05439000	3/25/1929	211	211	0.10	23.81	1102	6.7578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.09080445
USGS 05439000	5/27/1983	211	211	0.10	23.81	1102	6.7578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.09080445
USGS 05439000	1/23/1988	211	211	0.10	23.81	1102	6.7578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.09080445
USGS 05439000	5/14/1990	211	211	0.10	23.81	1102	6.7578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.09080445
USGS 05439000	6/28/1994	211	211	0.10	23.81	1102	6.7578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.09080445
USGS 05439000	5/13/1995	211	211	0.10	23.81	1102	6.7578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.09080445
USGS 05439000	7/9/2007	211	211	0.10	23.81	1102	6.7578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.09080445
USGS 05439000	5/17/2010	211	211	0.10	23.81	1102	6.7578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.09080445
USGS 05439000	5/8/2015	211	211	0.10	23.81	1102	6.7578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	37.09080445
USGS 05439000	3/3/1926	210	210	0.10	23.71	1113	6.8253%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.9424354
USGS 05439000	4/12/1926	210	210	0.10	23.71	1113	6.8253%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.9424354
USGS 05439000	6/18/1926	210	210	0.10	23.71	1113	6.8253%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.9424354
USGS 05439000	11/29/1926	210	210	0.10	23.71	1113	6.8253%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.9424354
USGS 05439000	4/16/1927	210	210	0.10	23.71	1113	6.8253%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.9424354
USGS 05439000	4/23/1927	210	210	0.10	23.71	1113	6.8253%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.9424354
USGS 05439000	5/1/1927	210	210	0.10	23.71	1113	6.8253%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.9424354
USGS 05439000	5/10/1927	210	210	0.10	23.71	1113	6.8253%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.9424354

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/30/1927	210	210	0.10	23.71	1113	6.8253%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.9424354
USGS 05439000	11/29/1927	210	210	0.10	23.71	1113	6.8253%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.9424354
USGS 05439000	4/10/1928	210	210	0.10	23.71	1113	6.8253%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.9424354
USGS 05439000	9/2/1987	210	210	0.10	23.71	1113	6.8253%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.9424354
USGS 05439000	11/14/1992	210	210	0.10	23.71	1113	6.8253%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.9424354
USGS 05439000	11/28/1992	210	210	0.10	23.71	1113	6.8253%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.9424354
USGS 05439000	1/2/2011	210	210	0.10	23.71	1113	6.8253%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.9424354
USGS 05439000	4/12/2013	210	210	0.10	23.71	1113	6.8253%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.9424354
USGS 05439000	8/15/1980	209	209	0.10	23.62	1129	6.9234%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.79406634
USGS 05439000	2/23/1981	209	209	0.10	23.62	1129	6.9234%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.79406634
USGS 05439000	4/23/1984	209	209	0.10	23.62	1129	6.9234%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.79406634
USGS 05439000	11/12/1985	209	209	0.10	23.62	1129	6.9234%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.79406634
USGS 05439000	4/1/1988	209	209	0.10	23.62	1129	6.9234%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.79406634
USGS 05439000	2/22/2011	209	209	0.10	23.62	1129	6.9234%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.79406634
USGS 05439000	6/14/2011	209	209	0.10	23.62	1129	6.9234%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.79406634
USGS 05439000	6/25/2015	209	209	0.10	23.62	1129	6.9234%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.79406634
USGS 05439000	4/11/1982	208	208	0.10	23.52	1137	6.9725%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.64569728
USGS 05439000	3/6/1986	208	208	0.10	23.52	1137	6.9725%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.64569728
USGS 05439000	7/22/2007	208	208	0.10	23.52	1137	6.9725%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.64569728
USGS 05439000	4/28/2009	208	208	0.10	23.52	1137	6.9725%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.64569728
USGS 05439000	12/17/2011	208	208	0.10	23.52	1137	6.9725%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.64569728
USGS 05439000	10/17/1980	207	207	0.10	23.43	1142	7.0031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.49732823
USGS 05439000	5/27/1982	207	207	0.10	23.43	1142	7.0031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.49732823
USGS 05439000	6/26/1982	207	207	0.10	23.43	1142	7.0031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.49732823
USGS 05439000	3/14/1986	207	207	0.10	23.43	1142	7.0031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.49732823
USGS 05439000	6/13/1987	207	207	0.10	23.43	1142	7.0031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.49732823
USGS 05439000	12/1/1990	207	207	0.10	23.43	1142	7.0031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.49732823
USGS 05439000	3/20/1994	207	207	0.10	23.43	1142	7.0031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.49732823
USGS 05439000	4/20/1998	207	207	0.10	23.43	1142	7.0031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.49732823
USGS 05439000	4/15/2008	207	207	0.10	23.43	1142	7.0031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.49732823
USGS 05439000	11/3/2009	207	207	0.10	23.43	1142	7.0031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.49732823
USGS 05439000	2/11/2013	207	207	0.10	23.43	1142	7.0031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.49732823

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/5/2014	207	207	0.10	23.43	1142	7.0031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.49732823
USGS 05439000	5/9/2015	207	207	0.10	23.43	1142	7.0031%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.49732823
USGS 05439000	8/23/1987	206	206	0.10	23.33	1155	7.0828%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.34895917
USGS 05439000	3/18/1990	206	206	0.10	23.33	1155	7.0828%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.34895917
USGS 05439000	3/7/1992	206	206	0.10	23.33	1155	7.0828%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.34895917
USGS 05439000	6/10/1996	206	206	0.10	23.33	1155	7.0828%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.34895917
USGS 05439000	12/23/1987	205	205	0.10	23.24	1159	7.1074%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.20059011
USGS 05439000	12/28/1987	205	205	0.10	23.24	1159	7.1074%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.20059011
USGS 05439000	6/4/1989	205	205	0.10	23.24	1159	7.1074%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.20059011
USGS 05439000	1/7/1993	205	205	0.10	23.24	1159	7.1074%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.20059011
USGS 05439000	6/26/2000	205	205	0.10	23.24	1159	7.1074%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.20059011
USGS 05439000	1/6/2008	205	205	0.10	23.24	1159	7.1074%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.20059011
USGS 05439000	5/14/2008	205	205	0.10	23.24	1159	7.1074%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.20059011
USGS 05439000	3/11/2015	205	205	0.10	23.24	1159	7.1074%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.20059011
USGS 05439000	4/26/2015	205	205	0.10	23.24	1159	7.1074%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.20059011
USGS 05439000	11/23/1983	204	204	0.10	23.14	1168	7.1626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.05222106
USGS 05439000	3/12/1985	204	204	0.10	23.14	1168	7.1626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.05222106
USGS 05439000	12/27/1987	204	204	0.10	23.14	1168	7.1626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.05222106
USGS 05439000	5/8/1997	204	204	0.10	23.14	1168	7.1626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.05222106
USGS 05439000	6/13/2013	204	204	0.10	23.14	1168	7.1626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	36.05222106
USGS 05439000	3/22/1982	203	203	0.10	23.05	1173	7.1932%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.903852
USGS 05439000	6/30/1982	203	203	0.10	23.05	1173	7.1932%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.903852
USGS 05439000	2/21/1983	203	203	0.10	23.05	1173	7.1932%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.903852
USGS 05439000	5/12/1998	203	203	0.10	23.05	1173	7.1932%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.903852
USGS 05439000	4/22/2009	203	203	0.10	23.05	1173	7.1932%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.903852
USGS 05439000	5/15/2009	203	203	0.10	23.05	1173	7.1932%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.903852
USGS 05439000	4/19/1930	202	202	0.10	22.95	1179	7.2300%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.75548294
USGS 05439000	11/25/1931	202	202	0.10	22.95	1179	7.2300%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.75548294
USGS 05439000	3/4/1932	202	202	0.10	22.95	1179	7.2300%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.75548294
USGS 05439000	3/31/1932	202	202	0.10	22.95	1179	7.2300%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.75548294
USGS 05439000	5/3/1933	202	202	0.10	22.95	1179	7.2300%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.75548294
USGS 05439000	4/4/1988	202	202	0.10	22.95	1179	7.2300%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.75548294

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/24/1993	202	202	0.10	22.95	1179	7.2300%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.75548294
USGS 05439000	5/18/2004	202	202	0.10	22.95	1179	7.2300%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.75548294
USGS 05439000	3/11/2011	202	202	0.10	22.95	1179	7.2300%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.75548294
USGS 05439000	6/24/2014	202	202	0.10	22.95	1179	7.2300%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.75548294
USGS 05439000	12/18/2015	202	202	0.10	22.95	1179	7.2300%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.75548294
USGS 05439000	5/23/1986	201	201	0.10	22.86	1190	7.2975%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.60711389
USGS 05439000	3/17/2001	201	201	0.10	22.86	1190	7.2975%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.60711389
USGS 05439000	11/22/1926	200	200	0.10	22.76	1192	7.3097%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.45874483
USGS 05439000	3/2/1929	200	200	0.10	22.76	1192	7.3097%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.45874483
USGS 05439000	4/5/1929	200	200	0.10	22.76	1192	7.3097%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.45874483
USGS 05439000	3/22/1991	200	200	0.10	22.76	1192	7.3097%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.45874483
USGS 05439000	12/19/1992	200	200	0.10	22.76	1192	7.3097%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.45874483
USGS 05439000	4/7/1993	200	200	0.10	22.76	1192	7.3097%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.45874483
USGS 05439000	5/31/1995	200	200	0.10	22.76	1192	7.3097%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.45874483
USGS 05439000	6/5/1995	200	200	0.10	22.76	1192	7.3097%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.45874483
USGS 05439000	6/14/1998	200	200	0.10	22.76	1192	7.3097%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.45874483
USGS 05439000	3/21/2001	200	200	0.10	22.76	1192	7.3097%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.45874483
USGS 05439000	5/3/2009	200	200	0.10	22.76	1192	7.3097%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.45874483
USGS 05439000	12/3/2015	200	200	0.10	22.76	1192	7.3097%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.45874483
USGS 05439000	5/4/2016	200	200	0.10	22.76	1192	7.3097%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.45874483
USGS 05439000	11/27/1990	199	199	0.10	22.67	1205	7.3895%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.31037577
USGS 05439000	5/14/1995	199	199	0.10	22.67	1205	7.3895%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.31037577
USGS 05439000	2/13/1998	199	199	0.10	22.67	1205	7.3895%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.31037577
USGS 05439000	6/4/1999	199	199	0.10	22.67	1205	7.3895%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.31037577
USGS 05439000	2/15/2005	199	199	0.10	22.67	1205	7.3895%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.31037577
USGS 05439000	9/2/2007	199	199	0.10	22.67	1205	7.3895%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.31037577
USGS 05439000	9/2/1980	198	198	0.10	22.57	1211	7.4263%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.16200672
USGS 05439000	11/1/1985	198	198	0.10	22.57	1211	7.4263%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.16200672
USGS 05439000	3/11/1989	198	198	0.10	22.57	1211	7.4263%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.16200672
USGS 05439000	3/3/1991	198	198	0.10	22.57	1211	7.4263%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.16200672
USGS 05439000	8/24/1993	198	198	0.10	22.57	1211	7.4263%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.16200672
USGS 05439000	2/24/1994	198	198	0.10	22.57	1211	7.4263%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.16200672

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/17/2010	198	198	0.10	22.57	1211	7.4263%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.16200672
USGS 05439000	5/29/1983	197	197	0.10	22.48	1218	7.4692%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.01363766
USGS 05439000	6/7/1984	197	197	0.10	22.48	1218	7.4692%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.01363766
USGS 05439000	11/28/1987	197	197	0.10	22.48	1218	7.4692%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	35.01363766
USGS 05439000	6/19/1981	196	196	0.10	22.38	1221	7.4876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.8652686
USGS 05439000	3/27/1983	196	196	0.10	22.38	1221	7.4876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.8652686
USGS 05439000	5/6/1993	196	196	0.10	22.38	1221	7.4876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.8652686
USGS 05439000	4/25/2007	196	196	0.10	22.38	1221	7.4876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.8652686
USGS 05439000	10/26/2009	196	196	0.10	22.38	1221	7.4876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.8652686
USGS 05439000	3/7/2011	196	196	0.10	22.38	1221	7.4876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.8652686
USGS 05439000	8/12/1980	195	195	0.10	22.28	1227	7.5244%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.71689955
USGS 05439000	3/10/1993	195	195	0.10	22.28	1227	7.5244%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.71689955
USGS 05439000	3/29/2004	195	195	0.10	22.28	1227	7.5244%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.71689955
USGS 05439000	5/10/2015	195	195	0.10	22.28	1227	7.5244%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.71689955
USGS 05439000	3/18/1982	194	194	0.10	22.19	1231	7.5489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.56853049
USGS 05439000	3/1/2009	194	194	0.10	22.19	1231	7.5489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.56853049
USGS 05439000	6/27/2010	194	194	0.10	22.19	1231	7.5489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.56853049
USGS 05439000	7/13/2015	194	194	0.10	22.19	1231	7.5489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.56853049
USGS 05439000	6/29/1982	193	193	0.10	22.09	1235	7.5734%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.42016143
USGS 05439000	12/1/1991	193	193	0.10	22.09	1235	7.5734%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.42016143
USGS 05439000	6/13/1993	193	193	0.10	22.09	1235	7.5734%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.42016143
USGS 05439000	11/11/1994	193	193	0.10	22.09	1235	7.5734%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.42016143
USGS 05439000	8/10/1996	193	193	0.10	22.09	1235	7.5734%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.42016143
USGS 05439000	1/13/2005	193	193	0.10	22.09	1235	7.5734%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.42016143
USGS 05439000	12/14/2006	193	193	0.10	22.09	1235	7.5734%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.42016143
USGS 05439000	4/29/2009	193	193	0.10	22.09	1235	7.5734%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.42016143
USGS 05439000	10/27/2009	193	193	0.10	22.09	1235	7.5734%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.42016143
USGS 05439000	6/28/2010	193	193	0.10	22.09	1235	7.5734%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.42016143
USGS 05439000	4/27/2013	193	193	0.10	22.09	1235	7.5734%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.42016143
USGS 05439000	1/1/2016	193	193	0.10	22.09	1235	7.5734%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.42016143
USGS 05439000	1/19/1933	192	192	0.10	22.00	1247	7.6470%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.27179238
USGS 05439000	4/13/1982	192	192	0.10	22.00	1247	7.6470%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.27179238

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/26/1982	192	192	0.10	22.00	1247	7.6470%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.27179238
USGS 05439000	2/21/1984	192	192	0.10	22.00	1247	7.6470%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.27179238
USGS 05439000	3/25/1984	192	192	0.10	22.00	1247	7.6470%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.27179238
USGS 05439000	2/6/1986	192	192	0.10	22.00	1247	7.6470%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.27179238
USGS 05439000	7/31/1996	192	192	0.10	22.00	1247	7.6470%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.27179238
USGS 05439000	4/18/1999	192	192	0.10	22.00	1247	7.6470%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.27179238
USGS 05439000	3/15/2001	192	192	0.10	22.00	1247	7.6470%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.27179238
USGS 05439000	6/10/2002	192	192	0.10	22.00	1247	7.6470%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.27179238
USGS 05439000	4/29/2007	192	192	0.10	22.00	1247	7.6470%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.27179238
USGS 05439000	11/11/2011	192	192	0.10	22.00	1247	7.6470%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.27179238
USGS 05439000	3/15/2015	192	192	0.10	22.00	1247	7.6470%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.27179238
USGS 05439000	6/24/2015	192	192	0.10	22.00	1247	7.6470%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.27179238
USGS 05439000	5/5/1990	191	191	0.10	21.90	1261	7.7329%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.12342332
USGS 05439000	9/16/1993	191	191	0.10	21.90	1261	7.7329%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.12342332
USGS 05439000	4/14/1995	191	191	0.10	21.90	1261	7.7329%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.12342332
USGS 05439000	4/24/1998	191	191	0.10	21.90	1261	7.7329%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	34.12342332
USGS 05439000	4/7/1926	190	190	0.10	21.81	1265	7.7574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.97505426
USGS 05439000	6/15/1926	190	190	0.10	21.81	1265	7.7574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.97505426
USGS 05439000	3/14/1927	190	190	0.10	21.81	1265	7.7574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.97505426
USGS 05439000	4/24/1927	190	190	0.10	21.81	1265	7.7574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.97505426
USGS 05439000	5/31/1927	190	190	0.10	21.81	1265	7.7574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.97505426
USGS 05439000	11/24/1928	190	190	0.10	21.81	1265	7.7574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.97505426
USGS 05439000	12/19/1928	190	190	0.10	21.81	1265	7.7574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.97505426
USGS 05439000	12/1/1987	190	190	0.10	21.81	1265	7.7574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.97505426
USGS 05439000	2/5/1993	190	190	0.10	21.81	1265	7.7574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.97505426
USGS 05439000	4/11/1998	190	190	0.10	21.81	1265	7.7574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.97505426
USGS 05439000	5/19/2002	190	190	0.10	21.81	1265	7.7574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.97505426
USGS 05439000	3/28/2009	190	190	0.10	21.81	1265	7.7574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.97505426
USGS 05439000	9/24/1980	189	189	0.10	21.71	1277	7.8310%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.82668521
USGS 05439000	5/2/1981	189	189	0.10	21.71	1277	7.8310%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.82668521
USGS 05439000	5/25/1987	189	189	0.10	21.71	1277	7.8310%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.82668521
USGS 05439000	12/12/1987	189	189	0.10	21.71	1277	7.8310%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.82668521

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/21/1990	189	189	0.10	21.71	1277	7.8310%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.82668521
USGS 05439000	5/7/2009	189	189	0.10	21.71	1277	7.8310%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.82668521
USGS 05439000	10/9/1927	188	188	0.10	21.62	1283	7.8678%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.67831615
USGS 05439000	7/7/1928	188	188	0.10	21.62	1283	7.8678%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.67831615
USGS 05439000	9/30/1993	188	188	0.10	21.62	1283	7.8678%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.67831615
USGS 05439000	3/15/2009	188	188	0.10	21.62	1283	7.8678%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.67831615
USGS 05439000	4/4/2009	188	188	0.10	21.62	1283	7.8678%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.67831615
USGS 05439000	5/28/2009	188	188	0.10	21.62	1283	7.8678%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.67831615
USGS 05439000	6/14/2013	188	188	0.10	21.62	1283	7.8678%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.67831615
USGS 05439000	6/12/2014	188	188	0.10	21.62	1283	7.8678%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.67831615
USGS 05439000	4/13/1980	187	187	0.10	21.52	1291	7.9168%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.52994709
USGS 05439000	12/29/1984	187	187	0.10	21.52	1291	7.9168%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.52994709
USGS 05439000	4/18/1991	187	187	0.10	21.52	1291	7.9168%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.52994709
USGS 05439000	4/29/1995	187	187	0.10	21.52	1291	7.9168%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.52994709
USGS 05439000	5/21/1996	187	187	0.10	21.52	1291	7.9168%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.52994709
USGS 05439000	3/18/2001	187	187	0.10	21.52	1291	7.9168%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.52994709
USGS 05439000	1/12/2008	187	187	0.10	21.52	1291	7.9168%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.52994709
USGS 05439000	4/8/2010	187	187	0.10	21.52	1291	7.9168%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.52994709
USGS 05439000	4/17/1980	186	186	0.10	21.43	1299	7.9659%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.38157804
USGS 05439000	4/28/1981	186	186	0.10	21.43	1299	7.9659%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.38157804
USGS 05439000	5/15/1981	186	186	0.10	21.43	1299	7.9659%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.38157804
USGS 05439000	5/29/1982	186	186	0.10	21.43	1299	7.9659%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.38157804
USGS 05439000	12/29/1982	186	186	0.10	21.43	1299	7.9659%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.38157804
USGS 05439000	2/22/1983	186	186	0.10	21.43	1299	7.9659%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.38157804
USGS 05439000	4/16/1983	186	186	0.10	21.43	1299	7.9659%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.38157804
USGS 05439000	2/20/1986	186	186	0.10	21.43	1299	7.9659%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.38157804
USGS 05439000	6/3/1991	186	186	0.10	21.43	1299	7.9659%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.38157804
USGS 05439000	6/26/1996	186	186	0.10	21.43	1299	7.9659%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.38157804
USGS 05439000	3/5/1997	186	186	0.10	21.43	1299	7.9659%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.38157804
USGS 05439000	1/29/1999	186	186	0.10	21.43	1299	7.9659%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.38157804
USGS 05439000	6/10/2008	186	186	0.10	21.43	1299	7.9659%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.38157804
USGS 05439000	3/1/2011	186	186	0.10	21.43	1299	7.9659%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.38157804

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/12/1982	185	185	0.10	21.33	1313	8.0518%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.23320898
USGS 05439000	7/10/1983	185	185	0.10	21.33	1313	8.0518%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.23320898
USGS 05439000	5/23/1984	185	185	0.10	21.33	1313	8.0518%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.23320898
USGS 05439000	6/18/2000	185	185	0.10	21.33	1313	8.0518%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.23320898
USGS 05439000	6/6/2004	185	185	0.10	21.33	1313	8.0518%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.23320898
USGS 05439000	9/22/2008	185	185	0.10	21.33	1313	8.0518%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.23320898
USGS 05439000	6/15/2011	185	185	0.10	21.33	1313	8.0518%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.23320898
USGS 05439000	4/4/2014	185	185	0.10	21.33	1313	8.0518%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.23320898
USGS 05439000	7/11/1982	184	184	0.10	21.24	1321	8.1008%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.08483992
USGS 05439000	12/12/1982	184	184	0.10	21.24	1321	8.1008%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.08483992
USGS 05439000	3/13/1985	184	184	0.10	21.24	1321	8.1008%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.08483992
USGS 05439000	11/24/1985	184	184	0.10	21.24	1321	8.1008%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.08483992
USGS 05439000	12/5/1985	184	184	0.10	21.24	1321	8.1008%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.08483992
USGS 05439000	5/18/1991	184	184	0.10	21.24	1321	8.1008%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.08483992
USGS 05439000	4/12/1993	184	184	0.10	21.24	1321	8.1008%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.08483992
USGS 05439000	4/30/1999	184	184	0.10	21.24	1321	8.1008%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.08483992
USGS 05439000	5/17/1999	184	184	0.10	21.24	1321	8.1008%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.08483992
USGS 05439000	5/15/2003	184	184	0.10	21.24	1321	8.1008%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.08483992
USGS 05439000	3/7/2004	184	184	0.10	21.24	1321	8.1008%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.08483992
USGS 05439000	1/27/2010	184	184	0.10	21.24	1321	8.1008%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	33.08483992
USGS 05439000	6/3/1980	183	183	0.10	21.14	1333	8.1744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.93647087
USGS 05439000	3/21/1983	183	183	0.10	21.14	1333	8.1744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.93647087
USGS 05439000	3/14/1985	183	183	0.10	21.14	1333	8.1744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.93647087
USGS 05439000	4/2/1988	183	183	0.10	21.14	1333	8.1744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.93647087
USGS 05439000	3/8/1994	183	183	0.10	21.14	1333	8.1744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.93647087
USGS 05439000	4/3/1998	183	183	0.10	21.14	1333	8.1744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.93647087
USGS 05439000	5/28/2004	183	183	0.10	21.14	1333	8.1744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.93647087
USGS 05439000	6/14/2004	183	183	0.10	21.14	1333	8.1744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.93647087
USGS 05439000	4/5/2010	183	183	0.10	21.14	1333	8.1744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.93647087
USGS 05439000	6/4/2011	183	183	0.10	21.14	1333	8.1744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.93647087
USGS 05439000	12/26/2015	183	183	0.10	21.14	1333	8.1744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.93647087
USGS 05439000	2/3/2016	183	183	0.10	21.14	1333	8.1744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.93647087

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/12/1931	182	182	0.10	21.05	1345	8.2480%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.78810181
USGS 05439000	3/5/1932	182	182	0.10	21.05	1345	8.2480%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.78810181
USGS 05439000	5/7/1933	182	182	0.10	21.05	1345	8.2480%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.78810181
USGS 05439000	10/18/1980	182	182	0.10	21.05	1345	8.2480%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.78810181
USGS 05439000	5/28/1983	182	182	0.10	21.05	1345	8.2480%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.78810181
USGS 05439000	3/30/1991	182	182	0.10	21.05	1345	8.2480%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.78810181
USGS 05439000	11/29/1992	182	182	0.10	21.05	1345	8.2480%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.78810181
USGS 05439000	6/27/1993	182	182	0.10	21.05	1345	8.2480%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.78810181
USGS 05439000	3/5/2007	182	182	0.10	21.05	1345	8.2480%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.78810181
USGS 05439000	4/29/2011	182	182	0.10	21.05	1345	8.2480%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.78810181
USGS 05439000	12/21/2015	182	182	0.10	21.05	1345	8.2480%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.78810181
USGS 05439000	7/10/1982	181	181	0.10	20.95	1356	8.3154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.63973275
USGS 05439000	5/3/1983	181	181	0.10	20.95	1356	8.3154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.63973275
USGS 05439000	7/28/1996	181	181	0.10	20.95	1356	8.3154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.63973275
USGS 05439000	2/4/1999	181	181	0.10	20.95	1356	8.3154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.63973275
USGS 05439000	6/11/2002	181	181	0.10	20.95	1356	8.3154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.63973275
USGS 05439000	12/9/2008	181	181	0.10	20.95	1356	8.3154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.63973275
USGS 05439000	5/18/2011	181	181	0.10	20.95	1356	8.3154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.63973275
USGS 05439000	5/1/2016	181	181	0.10	20.95	1356	8.3154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.63973275
USGS 05439000	9/28/1926	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	10/8/1926	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	11/30/1926	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	4/17/1927	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	6/5/1927	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	3/26/1929	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	6/18/1929	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	11/13/1982	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	2/19/1983	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	4/5/1988	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	4/11/1988	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	5/20/1990	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	3/23/1991	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/14/1991	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	6/23/1993	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	3/31/1998	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	5/6/1998	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	3/16/2007	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	7/7/2015	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	12/28/2015	180	180	0.10	20.86	1364	8.3645%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.4913637
USGS 05439000	10/4/1986	179	179	0.10	20.76	1384	8.4872%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.34299464
USGS 05439000	3/10/1998	179	179	0.10	20.76	1384	8.4872%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.34299464
USGS 05439000	4/11/2002	179	179	0.10	20.76	1384	8.4872%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.34299464
USGS 05439000	6/25/2010	179	179	0.10	20.76	1384	8.4872%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.34299464
USGS 05439000	3/13/1928	178	178	0.10	20.67	1388	8.5117%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.19462558
USGS 05439000	4/11/1928	178	178	0.10	20.67	1388	8.5117%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.19462558
USGS 05439000	4/14/1928	178	178	0.10	20.67	1388	8.5117%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.19462558
USGS 05439000	12/29/1987	178	178	0.10	20.67	1388	8.5117%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.19462558
USGS 05439000	9/9/1989	178	178	0.10	20.67	1388	8.5117%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.19462558
USGS 05439000	3/8/1990	178	178	0.10	20.67	1388	8.5117%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.19462558
USGS 05439000	3/21/1998	178	178	0.10	20.67	1388	8.5117%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.19462558
USGS 05439000	11/10/1998	178	178	0.10	20.67	1388	8.5117%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.19462558
USGS 05439000	11/11/1998	178	178	0.10	20.67	1388	8.5117%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.19462558
USGS 05439000	6/24/2000	178	178	0.10	20.67	1388	8.5117%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.19462558
USGS 05439000	6/5/2001	178	178	0.10	20.67	1388	8.5117%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.19462558
USGS 05439000	3/8/2010	178	178	0.10	20.67	1388	8.5117%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.19462558
USGS 05439000	5/27/2015	178	178	0.10	20.67	1388	8.5117%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.19462558
USGS 05439000	4/22/1984	177	177	0.10	20.57	1401	8.5914%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.04625653
USGS 05439000	5/31/1984	177	177	0.10	20.57	1401	8.5914%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.04625653
USGS 05439000	11/3/1987	177	177	0.10	20.57	1401	8.5914%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.04625653
USGS 05439000	1/8/1998	177	177	0.10	20.57	1401	8.5914%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.04625653
USGS 05439000	5/12/2000	177	177	0.10	20.57	1401	8.5914%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.04625653
USGS 05439000	4/10/2015	177	177	0.10	20.57	1401	8.5914%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.04625653
USGS 05439000	4/1/2016	177	177	0.10	20.57	1401	8.5914%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	32.04625653
USGS 05439000	11/5/1985	176	176	0.10	20.48	1408	8.6343%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.89788747

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/4/2000	176	176	0.10	20.48	1408	8.6343%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.89788747
USGS 05439000	3/1/2001	176	176	0.10	20.48	1408	8.6343%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.89788747
USGS 05439000	3/30/2004	176	176	0.10	20.48	1408	8.6343%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.89788747
USGS 05439000	3/27/2007	176	176	0.10	20.48	1408	8.6343%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.89788747
USGS 05439000	9/3/2007	176	176	0.10	20.48	1408	8.6343%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.89788747
USGS 05439000	1/3/2009	176	176	0.10	20.48	1408	8.6343%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.89788747
USGS 05439000	5/18/2009	176	176	0.10	20.48	1408	8.6343%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.89788747
USGS 05439000	6/11/2009	176	176	0.10	20.48	1408	8.6343%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.89788747
USGS 05439000	3/17/2013	176	176	0.10	20.48	1408	8.6343%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.89788747
USGS 05439000	11/30/2015	176	176	0.10	20.48	1408	8.6343%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.89788747
USGS 05439000	10/18/1981	175	175	0.10	20.38	1419	8.7018%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.74951841
USGS 05439000	4/19/1982	175	175	0.10	20.38	1419	8.7018%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.74951841
USGS 05439000	5/15/1990	175	175	0.10	20.38	1419	8.7018%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.74951841
USGS 05439000	1/25/1993	175	175	0.10	20.38	1419	8.7018%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.74951841
USGS 05439000	5/3/1993	175	175	0.10	20.38	1419	8.7018%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.74951841
USGS 05439000	5/7/1993	175	175	0.10	20.38	1419	8.7018%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.74951841
USGS 05439000	7/22/1993	175	175	0.10	20.38	1419	8.7018%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.74951841
USGS 05439000	7/26/1996	175	175	0.10	20.38	1419	8.7018%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.74951841
USGS 05439000	2/2/2001	175	175	0.10	20.38	1419	8.7018%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.74951841
USGS 05439000	6/5/2008	175	175	0.10	20.38	1419	8.7018%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.74951841
USGS 05439000	6/15/2009	175	175	0.10	20.38	1419	8.7018%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.74951841
USGS 05439000	7/3/2013	175	175	0.10	20.38	1419	8.7018%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.74951841
USGS 05439000	4/6/1982	174	174	0.10	20.28	1431	8.7754%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.60114936
USGS 05439000	10/1/1993	174	174	0.10	20.28	1431	8.7754%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.60114936
USGS 05439000	6/17/1999	174	174	0.10	20.28	1431	8.7754%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.60114936
USGS 05439000	3/22/2001	174	174	0.10	20.28	1431	8.7754%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.60114936
USGS 05439000	5/19/2004	174	174	0.10	20.28	1431	8.7754%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.60114936
USGS 05439000	4/3/2008	174	174	0.10	20.28	1431	8.7754%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.60114936
USGS 05439000	5/30/1983	173	173	0.10	20.19	1437	8.8122%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.4527803
USGS 05439000	6/29/1985	173	173	0.10	20.19	1437	8.8122%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.4527803
USGS 05439000	3/19/1990	173	173	0.10	20.19	1437	8.8122%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.4527803
USGS 05439000	5/13/1998	173	173	0.10	20.19	1437	8.8122%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.4527803

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/16/1999	173	173	0.10	20.19	1437	8.8122%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.4527803
USGS 05439000	6/7/2001	173	173	0.10	20.19	1437	8.8122%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.4527803
USGS 05439000	5/6/2003	173	173	0.10	20.19	1437	8.8122%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.4527803
USGS 05439000	4/25/2011	173	173	0.10	20.19	1437	8.8122%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.4527803
USGS 05439000	2/24/1930	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	2/28/1930	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	4/23/1930	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	1/15/1932	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	1/17/1932	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	2/11/1932	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	4/1/1932	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	5/14/1933	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	5/27/1933	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	4/10/1980	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	8/13/1980	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	8/16/1980	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	8/22/1980	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	2/23/1983	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	2/22/1984	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	2/11/1998	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	11/4/2009	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	12/31/2009	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	3/1/2012	172	172	0.10	20.09	1445	8.8612%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.30441124
USGS 05439000	7/14/1986	171	171	0.10	20.00	1464	8.9777%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.15604219
USGS 05439000	9/3/1987	171	171	0.10	20.00	1464	8.9777%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.15604219
USGS 05439000	9/1/1989	171	171	0.10	20.00	1464	8.9777%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.15604219
USGS 05439000	6/7/1993	171	171	0.10	20.00	1464	8.9777%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.15604219
USGS 05439000	11/13/1995	171	171	0.10	20.00	1464	8.9777%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.15604219
USGS 05439000	6/12/1996	171	171	0.10	20.00	1464	8.9777%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.15604219
USGS 05439000	5/9/1997	171	171	0.10	20.00	1464	8.9777%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.15604219
USGS 05439000	2/1/1999	171	171	0.10	20.00	1464	8.9777%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.15604219
USGS 05439000	2/16/2001	171	171	0.10	20.00	1464	8.9777%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.15604219

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/2/2003	171	171	0.10	20.00	1464	8.9777%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.15604219
USGS 05439000	8/11/2007	171	171	0.10	20.00	1464	8.9777%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.15604219
USGS 05439000	4/26/2009	171	171	0.10	20.00	1464	8.9777%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.15604219
USGS 05439000	5/13/2015	171	171	0.10	20.00	1464	8.9777%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.15604219
USGS 05439000	2/20/1926	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	4/13/1926	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	9/16/1926	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	11/23/1926	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	2/8/1927	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	3/15/1927	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	4/5/1927	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	5/2/1927	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	5/11/1927	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	3/9/1929	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	4/29/1929	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	3/15/1982	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	7/27/1982	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	12/30/1984	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	4/8/1998	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	3/31/2004	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	12/15/2006	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	2/26/2009	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	7/25/2010	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	2/29/2012	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	6/26/2015	170	170	0.10	19.90	1477	9.0575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	31.00767313
USGS 05439000	4/16/1982	169	169	0.10	19.81	1498	9.1862%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.85930407
USGS 05439000	4/24/1984	169	169	0.10	19.81	1498	9.1862%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.85930407
USGS 05439000	1/24/1988	169	169	0.10	19.81	1498	9.1862%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.85930407
USGS 05439000	8/2/1989	169	169	0.10	19.81	1498	9.1862%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.85930407
USGS 05439000	4/30/1993	169	169	0.10	19.81	1498	9.1862%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.85930407
USGS 05439000	6/22/1996	169	169	0.10	19.81	1498	9.1862%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.85930407
USGS 05439000	1/31/1999	169	169	0.10	19.81	1498	9.1862%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.85930407

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/23/2000	169	169	0.10	19.81	1498	9.1862%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.85930407
USGS 05439000	10/23/2001	169	169	0.10	19.81	1498	9.1862%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.85930407
USGS 05439000	7/20/2008	169	169	0.10	19.81	1498	9.1862%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.85930407
USGS 05439000	10/25/2008	169	169	0.10	19.81	1498	9.1862%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.85930407
USGS 05439000	3/18/2010	169	169	0.10	19.81	1498	9.1862%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.85930407
USGS 05439000	5/9/2012	169	169	0.10	19.81	1498	9.1862%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.85930407
USGS 05439000	4/5/1928	168	168	0.10	19.71	1511	9.2660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.71093502
USGS 05439000	4/15/1928	168	168	0.10	19.71	1511	9.2660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.71093502
USGS 05439000	4/16/1928	168	168	0.10	19.71	1511	9.2660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.71093502
USGS 05439000	6/25/1928	168	168	0.10	19.71	1511	9.2660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.71093502
USGS 05439000	4/17/1983	168	168	0.10	19.71	1511	9.2660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.71093502
USGS 05439000	5/27/1984	168	168	0.10	19.71	1511	9.2660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.71093502
USGS 05439000	4/22/1987	168	168	0.10	19.71	1511	9.2660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.71093502
USGS 05439000	11/5/1990	168	168	0.10	19.71	1511	9.2660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.71093502
USGS 05439000	4/28/2013	168	168	0.10	19.71	1511	9.2660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.71093502
USGS 05439000	9/25/1980	167	167	0.10	19.62	1520	9.3212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.56256596
USGS 05439000	4/15/1981	167	167	0.10	19.62	1520	9.3212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.56256596
USGS 05439000	3/4/1986	167	167	0.10	19.62	1520	9.3212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.56256596
USGS 05439000	5/26/1987	167	167	0.10	19.62	1520	9.3212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.56256596
USGS 05439000	12/7/1987	167	167	0.10	19.62	1520	9.3212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.56256596
USGS 05439000	1/19/1988	167	167	0.10	19.62	1520	9.3212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.56256596
USGS 05439000	4/25/1993	167	167	0.10	19.62	1520	9.3212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.56256596
USGS 05439000	3/22/1994	167	167	0.10	19.62	1520	9.3212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.56256596
USGS 05439000	1/6/1998	167	167	0.10	19.62	1520	9.3212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.56256596
USGS 05439000	4/8/2002	167	167	0.10	19.62	1520	9.3212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.56256596
USGS 05439000	5/4/2009	167	167	0.10	19.62	1520	9.3212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.56256596
USGS 05439000	5/8/2009	167	167	0.10	19.62	1520	9.3212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.56256596
USGS 05439000	3/12/2011	167	167	0.10	19.62	1520	9.3212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.56256596
USGS 05439000	7/17/2015	167	167	0.10	19.62	1520	9.3212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.56256596
USGS 05439000	6/14/1984	166	166	0.10	19.52	1534	9.4070%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.4141969
USGS 05439000	11/1/1984	166	166	0.10	19.52	1534	9.4070%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.4141969
USGS 05439000	4/25/1987	166	166	0.10	19.52	1534	9.4070%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.4141969

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/8/1992	166	166	0.10	19.52	1534	9.4070%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.4141969
USGS 05439000	7/4/1998	166	166	0.10	19.52	1534	9.4070%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.4141969
USGS 05439000	3/8/2002	166	166	0.10	19.52	1534	9.4070%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.4141969
USGS 05439000	3/16/2009	166	166	0.10	19.52	1534	9.4070%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.4141969
USGS 05439000	3/17/2009	166	166	0.10	19.52	1534	9.4070%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.4141969
USGS 05439000	4/23/2009	166	166	0.10	19.52	1534	9.4070%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.4141969
USGS 05439000	8/28/2009	166	166	0.10	19.52	1534	9.4070%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.4141969
USGS 05439000	10/25/2009	166	166	0.10	19.52	1534	9.4070%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.4141969
USGS 05439000	7/28/1982	165	165	0.10	19.43	1545	9.4745%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.26582785
USGS 05439000	12/13/1982	165	165	0.10	19.43	1545	9.4745%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.26582785
USGS 05439000	5/24/1986	165	165	0.10	19.43	1545	9.4745%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.26582785
USGS 05439000	12/13/1991	165	165	0.10	19.43	1545	9.4745%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.26582785
USGS 05439000	7/23/1993	165	165	0.10	19.43	1545	9.4745%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.26582785
USGS 05439000	6/6/1995	165	165	0.10	19.43	1545	9.4745%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.26582785
USGS 05439000	2/11/1999	165	165	0.10	19.43	1545	9.4745%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.26582785
USGS 05439000	3/6/2007	165	165	0.10	19.43	1545	9.4745%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.26582785
USGS 05439000	7/6/2014	165	165	0.10	19.43	1545	9.4745%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.26582785
USGS 05439000	3/10/1989	164	164	0.10	19.33	1554	9.5296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.11745879
USGS 05439000	8/20/1990	164	164	0.10	19.33	1554	9.5296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.11745879
USGS 05439000	7/2/1993	164	164	0.10	19.33	1554	9.5296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.11745879
USGS 05439000	7/27/1993	164	164	0.10	19.33	1554	9.5296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.11745879
USGS 05439000	5/15/1995	164	164	0.10	19.33	1554	9.5296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.11745879
USGS 05439000	6/1/1995	164	164	0.10	19.33	1554	9.5296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.11745879
USGS 05439000	4/25/1998	164	164	0.10	19.33	1554	9.5296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.11745879
USGS 05439000	7/7/1998	164	164	0.10	19.33	1554	9.5296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.11745879
USGS 05439000	5/20/2002	164	164	0.10	19.33	1554	9.5296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.11745879
USGS 05439000	4/16/2008	164	164	0.10	19.33	1554	9.5296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.11745879
USGS 05439000	5/18/2010	164	164	0.10	19.33	1554	9.5296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.11745879
USGS 05439000	11/21/2015	164	164	0.10	19.33	1554	9.5296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	30.11745879
USGS 05439000	3/1/1930	163	163	0.10	19.24	1566	9.6032%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.96908973
USGS 05439000	1/16/1932	163	163	0.10	19.24	1566	9.6032%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.96908973
USGS 05439000	1/18/1932	163	163	0.10	19.24	1566	9.6032%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.96908973

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/2/1932	163	163	0.10	19.24	1566	9.6032%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.96908973
USGS 05439000	3/6/1932	163	163	0.10	19.24	1566	9.6032%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.96908973
USGS 05439000	3/26/1932	163	163	0.10	19.24	1566	9.6032%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.96908973
USGS 05439000	12/26/1932	163	163	0.10	19.24	1566	9.6032%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.96908973
USGS 05439000	7/4/1933	163	163	0.10	19.24	1566	9.6032%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.96908973
USGS 05439000	5/20/1987	163	163	0.10	19.24	1566	9.6032%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.96908973
USGS 05439000	2/2/1990	163	163	0.10	19.24	1566	9.6032%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.96908973
USGS 05439000	11/6/1990	163	163	0.10	19.24	1566	9.6032%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.96908973
USGS 05439000	12/8/1991	163	163	0.10	19.24	1566	9.6032%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.96908973
USGS 05439000	2/21/2002	163	163	0.10	19.24	1566	9.6032%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.96908973
USGS 05439000	6/24/2009	163	163	0.10	19.24	1566	9.6032%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.96908973
USGS 05439000	12/12/1983	162	162	0.10	19.14	1580	9.6891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.82072068
USGS 05439000	11/25/1985	162	162	0.10	19.14	1580	9.6891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.82072068
USGS 05439000	2/21/1986	162	162	0.10	19.14	1580	9.6891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.82072068
USGS 05439000	12/3/1990	162	162	0.10	19.14	1580	9.6891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.82072068
USGS 05439000	4/13/1993	162	162	0.10	19.14	1580	9.6891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.82072068
USGS 05439000	11/12/1994	162	162	0.10	19.14	1580	9.6891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.82072068
USGS 05439000	5/12/1996	162	162	0.10	19.14	1580	9.6891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.82072068
USGS 05439000	2/13/1999	162	162	0.10	19.14	1580	9.6891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.82072068
USGS 05439000	5/11/2000	162	162	0.10	19.14	1580	9.6891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.82072068
USGS 05439000	4/24/2009	162	162	0.10	19.14	1580	9.6891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.82072068
USGS 05439000	12/18/2011	162	162	0.10	19.14	1580	9.6891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.82072068
USGS 05439000	5/17/2015	162	162	0.10	19.14	1580	9.6891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.82072068
USGS 05439000	11/25/1928	161	161	0.10	19.05	1592	9.7627%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.67235162
USGS 05439000	12/4/1928	161	161	0.10	19.05	1592	9.7627%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.67235162
USGS 05439000	6/21/1929	161	161	0.10	19.05	1592	9.7627%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.67235162
USGS 05439000	5/16/1981	161	161	0.10	19.05	1592	9.7627%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.67235162
USGS 05439000	6/20/1981	161	161	0.10	19.05	1592	9.7627%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.67235162
USGS 05439000	6/1/1982	161	161	0.10	19.05	1592	9.7627%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.67235162
USGS 05439000	3/15/1985	161	161	0.10	19.05	1592	9.7627%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.67235162
USGS 05439000	9/2/1989	161	161	0.10	19.05	1592	9.7627%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.67235162
USGS 05439000	7/20/1990	161	161	0.10	19.05	1592	9.7627%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.67235162

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/10/1991	161	161	0.10	19.05	1592	9.7627%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.67235162
USGS 05439000	12/10/1991	161	161	0.10	19.05	1592	9.7627%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.67235162
USGS 05439000	1/2/1993	161	161	0.10	19.05	1592	9.7627%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.67235162
USGS 05439000	4/29/1993	161	161	0.10	19.05	1592	9.7627%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.67235162
USGS 05439000	6/29/1993	161	161	0.10	19.05	1592	9.7627%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.67235162
USGS 05439000	6/15/1998	161	161	0.10	19.05	1592	9.7627%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.67235162
USGS 05439000	5/13/2004	161	161	0.10	19.05	1592	9.7627%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.67235162
USGS 05439000	4/5/2009	161	161	0.10	19.05	1592	9.7627%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.67235162
USGS 05439000	4/19/2011	161	161	0.10	19.05	1592	9.7627%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.67235162
USGS 05439000	9/23/1926	160	160	0.10	18.95	1610	9.8731%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.52398256
USGS 05439000	10/9/1926	160	160	0.10	18.95	1610	9.8731%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.52398256
USGS 05439000	11/24/1926	160	160	0.10	18.95	1610	9.8731%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.52398256
USGS 05439000	12/1/1926	160	160	0.10	18.95	1610	9.8731%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.52398256
USGS 05439000	4/2/1927	160	160	0.10	18.95	1610	9.8731%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.52398256
USGS 05439000	4/25/1927	160	160	0.10	18.95	1610	9.8731%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.52398256
USGS 05439000	11/15/1992	160	160	0.10	18.95	1610	9.8731%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.52398256
USGS 05439000	8/11/1996	160	160	0.10	18.95	1610	9.8731%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.52398256
USGS 05439000	4/12/1998	160	160	0.10	18.95	1610	9.8731%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.52398256
USGS 05439000	1/30/1999	160	160	0.10	18.95	1610	9.8731%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.52398256
USGS 05439000	6/7/2004	160	160	0.10	18.95	1610	9.8731%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.52398256
USGS 05439000	4/30/2007	160	160	0.10	18.95	1610	9.8731%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.52398256
USGS 05439000	3/7/2008	160	160	0.10	18.95	1610	9.8731%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.52398256
USGS 05439000	3/2/2011	160	160	0.10	18.95	1610	9.8731%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.52398256
USGS 05439000	6/16/2011	160	160	0.10	18.95	1610	9.8731%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.52398256
USGS 05439000	12/4/2015	160	160	0.10	18.95	1610	9.8731%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.52398256
USGS 05439000	3/26/2016	160	160	0.10	18.95	1610	9.8731%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.52398256
USGS 05439000	4/7/1982	159	159	0.10	18.86	1627	9.9773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.37561351
USGS 05439000	2/17/1983	159	159	0.10	18.86	1627	9.9773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.37561351
USGS 05439000	11/24/1983	159	159	0.10	18.86	1627	9.9773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.37561351
USGS 05439000	12/30/1987	159	159	0.10	18.86	1627	9.9773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.37561351
USGS 05439000	12/2/1990	159	159	0.10	18.86	1627	9.9773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.37561351
USGS 05439000	3/21/1994	159	159	0.10	18.86	1627	9.9773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.37561351

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/17/1995	159	159	0.10	18.86	1627	9.9773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.37561351
USGS 05439000	12/10/2003	159	159	0.10	18.86	1627	9.9773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.37561351
USGS 05439000	3/27/2004	159	159	0.10	18.86	1627	9.9773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.37561351
USGS 05439000	2/14/2009	159	159	0.10	18.86	1627	9.9773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.37561351
USGS 05439000	10/12/1927	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	1/19/1928	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	2/14/1928	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	7/23/1928	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	8/4/1928	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	3/17/1980	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	7/11/1983	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	1/3/1993	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	3/12/1994	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	6/23/1996	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	8/1/1996	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	7/8/1998	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	2/27/2000	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	5/29/2004	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	2/16/2005	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	12/24/2006	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	12/25/2007	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	6/3/2008	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	12/24/2008	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	3/18/2009	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	7/14/2014	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	3/16/2015	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	3/24/2016	158	158	0.10	18.76	1637	10.0386%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.22724445
USGS 05439000	4/14/1980	157	157	0.10	18.67	1660	10.1797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.07887539
USGS 05439000	8/15/1981	157	157	0.10	18.67	1660	10.1797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.07887539
USGS 05439000	3/23/1982	157	157	0.10	18.67	1660	10.1797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.07887539
USGS 05439000	7/31/1987	157	157	0.10	18.67	1660	10.1797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.07887539
USGS 05439000	8/24/1987	157	157	0.10	18.67	1660	10.1797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.07887539

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/2/1987	157	157	0.10	18.67	1660	10.1797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.07887539
USGS 05439000	8/8/1989	157	157	0.10	18.67	1660	10.1797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.07887539
USGS 05439000	11/30/1992	157	157	0.10	18.67	1660	10.1797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.07887539
USGS 05439000	5/2/1993	157	157	0.10	18.67	1660	10.1797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.07887539
USGS 05439000	4/27/1998	157	157	0.10	18.67	1660	10.1797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.07887539
USGS 05439000	9/28/1999	157	157	0.10	18.67	1660	10.1797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.07887539
USGS 05439000	3/11/2002	157	157	0.10	18.67	1660	10.1797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.07887539
USGS 05439000	9/23/2008	157	157	0.10	18.67	1660	10.1797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.07887539
USGS 05439000	5/14/2009	157	157	0.10	18.67	1660	10.1797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.07887539
USGS 05439000	6/20/2010	157	157	0.10	18.67	1660	10.1797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.07887539
USGS 05439000	7/14/2015	157	157	0.10	18.67	1660	10.1797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	29.07887539
USGS 05439000	3/26/1984	156	156	0.10	18.57	1676	10.2778%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.93050634
USGS 05439000	3/19/1986	156	156	0.10	18.57	1676	10.2778%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.93050634
USGS 05439000	5/6/1990	156	156	0.10	18.57	1676	10.2778%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.93050634
USGS 05439000	5/16/1990	156	156	0.10	18.57	1676	10.2778%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.93050634
USGS 05439000	6/29/1994	156	156	0.10	18.57	1676	10.2778%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.93050634
USGS 05439000	5/23/1996	156	156	0.10	18.57	1676	10.2778%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.93050634
USGS 05439000	6/5/1999	156	156	0.10	18.57	1676	10.2778%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.93050634
USGS 05439000	2/23/2000	156	156	0.10	18.57	1676	10.2778%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.93050634
USGS 05439000	3/23/2001	156	156	0.10	18.57	1676	10.2778%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.93050634
USGS 05439000	12/11/2003	156	156	0.10	18.57	1676	10.2778%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.93050634
USGS 05439000	3/28/2007	156	156	0.10	18.57	1676	10.2778%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.93050634
USGS 05439000	6/19/2009	156	156	0.10	18.57	1676	10.2778%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.93050634
USGS 05439000	5/5/2016	156	156	0.10	18.57	1676	10.2778%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.93050634
USGS 05439000	4/15/1980	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	4/25/1981	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	11/30/1982	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	12/1/1982	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	12/30/1982	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	2/24/1983	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	2/23/1984	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	3/23/1984	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/12/1988	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	3/11/1993	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	4/14/1993	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	6/24/1993	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	5/20/1996	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	7/27/1996	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	4/26/1998	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	5/8/1999	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	5/20/2003	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	9/4/2007	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	1/2/2016	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	1/10/2016	155	155	0.10	18.48	1689	10.3575%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.78213728
USGS 05439000	4/2/1932	154	154	0.10	18.38	1709	10.4802%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.63376822
USGS 05439000	2/24/1933	154	154	0.10	18.38	1709	10.4802%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.63376822
USGS 05439000	4/6/1933	154	154	0.10	18.38	1709	10.4802%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.63376822
USGS 05439000	4/7/1933	154	154	0.10	18.38	1709	10.4802%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.63376822
USGS 05439000	4/11/1980	154	154	0.10	18.38	1709	10.4802%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.63376822
USGS 05439000	5/3/1981	154	154	0.10	18.38	1709	10.4802%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.63376822
USGS 05439000	2/23/1982	154	154	0.10	18.38	1709	10.4802%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.63376822
USGS 05439000	11/1/1994	154	154	0.10	18.38	1709	10.4802%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.63376822
USGS 05439000	4/15/1995	154	154	0.10	18.38	1709	10.4802%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.63376822
USGS 05439000	5/18/1999	154	154	0.10	18.38	1709	10.4802%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.63376822
USGS 05439000	6/2/2001	154	154	0.10	18.38	1709	10.4802%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.63376822
USGS 05439000	5/16/2003	154	154	0.10	18.38	1709	10.4802%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.63376822
USGS 05439000	4/30/2011	154	154	0.10	18.38	1709	10.4802%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.63376822
USGS 05439000	12/27/2015	154	154	0.10	18.38	1709	10.4802%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.63376822
USGS 05439000	11/29/1982	153	153	0.10	18.28	1723	10.5660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.48539917
USGS 05439000	3/15/1986	153	153	0.10	18.28	1723	10.5660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.48539917
USGS 05439000	3/20/1990	153	153	0.10	18.28	1723	10.5660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.48539917
USGS 05439000	5/4/1990	153	153	0.10	18.28	1723	10.5660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.48539917
USGS 05439000	3/24/1991	153	153	0.10	18.28	1723	10.5660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.48539917
USGS 05439000	4/9/1991	153	153	0.10	18.28	1723	10.5660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.48539917

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/19/1991	153	153	0.10	18.28	1723	10.5660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.48539917
USGS 05439000	12/20/1992	153	153	0.10	18.28	1723	10.5660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.48539917
USGS 05439000	4/4/1998	153	153	0.10	18.28	1723	10.5660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.48539917
USGS 05439000	5/1/1999	153	153	0.10	18.28	1723	10.5660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.48539917
USGS 05439000	6/12/2002	153	153	0.10	18.28	1723	10.5660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.48539917
USGS 05439000	7/23/2007	153	153	0.10	18.28	1723	10.5660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.48539917
USGS 05439000	5/27/2008	153	153	0.10	18.28	1723	10.5660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.48539917
USGS 05439000	8/27/2009	153	153	0.10	18.28	1723	10.5660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.48539917
USGS 05439000	3/8/2011	153	153	0.10	18.28	1723	10.5660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.48539917
USGS 05439000	6/11/2014	153	153	0.10	18.28	1723	10.5660%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.48539917
USGS 05439000	3/27/1929	152	152	0.10	18.19	1739	10.6641%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.33703011
USGS 05439000	4/6/1929	152	152	0.10	18.19	1739	10.6641%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.33703011
USGS 05439000	4/11/1929	152	152	0.10	18.19	1739	10.6641%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.33703011
USGS 05439000	8/22/1990	152	152	0.10	18.19	1739	10.6641%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.33703011
USGS 05439000	3/31/1991	152	152	0.10	18.19	1739	10.6641%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.33703011
USGS 05439000	9/25/1993	152	152	0.10	18.19	1739	10.6641%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.33703011
USGS 05439000	2/26/1994	152	152	0.10	18.19	1739	10.6641%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.33703011
USGS 05439000	4/18/1995	152	152	0.10	18.19	1739	10.6641%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.33703011
USGS 05439000	4/30/1995	152	152	0.10	18.19	1739	10.6641%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.33703011
USGS 05439000	5/11/2004	152	152	0.10	18.19	1739	10.6641%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.33703011
USGS 05439000	6/15/2004	152	152	0.10	18.19	1739	10.6641%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.33703011
USGS 05439000	4/1/2007	152	152	0.10	18.19	1739	10.6641%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.33703011
USGS 05439000	6/25/2014	152	152	0.10	18.19	1739	10.6641%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.33703011
USGS 05439000	1/9/2016	152	152	0.10	18.19	1739	10.6641%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.33703011
USGS 05439000	6/19/1926	151	151	0.10	18.09	1753	10.7500%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.18866105
USGS 05439000	9/15/1926	151	151	0.10	18.09	1753	10.7500%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.18866105
USGS 05439000	9/29/1926	151	151	0.10	18.09	1753	10.7500%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.18866105
USGS 05439000	11/25/1926	151	151	0.10	18.09	1753	10.7500%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.18866105
USGS 05439000	3/16/1927	151	151	0.10	18.09	1753	10.7500%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.18866105
USGS 05439000	6/1/1927	151	151	0.10	18.09	1753	10.7500%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.18866105
USGS 05439000	12/13/1987	151	151	0.10	18.09	1753	10.7500%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.18866105
USGS 05439000	5/19/1991	151	151	0.10	18.09	1753	10.7500%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.18866105

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/19/1995	151	151	0.10	18.09	1753	10.7500%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.18866105
USGS 05439000	2/14/1998	151	151	0.10	18.09	1753	10.7500%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.18866105
USGS 05439000	3/8/1998	151	151	0.10	18.09	1753	10.7500%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.18866105
USGS 05439000	5/14/1998	151	151	0.10	18.09	1753	10.7500%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.18866105
USGS 05439000	6/3/2000	151	151	0.10	18.09	1753	10.7500%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.18866105
USGS 05439000	6/19/2000	151	151	0.10	18.09	1753	10.7500%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.18866105
USGS 05439000	2/20/2002	151	151	0.10	18.09	1753	10.7500%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.18866105
USGS 05439000	5/25/2011	151	151	0.10	18.09	1753	10.7500%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.18866105
USGS 05439000	6/5/2011	151	151	0.10	18.09	1753	10.7500%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.18866105
USGS 05439000	12/19/2015	151	151	0.10	18.09	1753	10.7500%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.18866105
USGS 05439000	4/18/1980	150	150	0.10	18.00	1771	10.8604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.040292
USGS 05439000	1/19/1986	150	150	0.10	18.00	1771	10.8604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.040292
USGS 05439000	2/3/1988	150	150	0.10	18.00	1771	10.8604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.040292
USGS 05439000	3/29/1988	150	150	0.10	18.00	1771	10.8604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.040292
USGS 05439000	12/29/1990	150	150	0.10	18.00	1771	10.8604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.040292
USGS 05439000	10/2/1993	150	150	0.10	18.00	1771	10.8604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.040292
USGS 05439000	2/20/1997	150	150	0.10	18.00	1771	10.8604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.040292
USGS 05439000	3/6/1997	150	150	0.10	18.00	1771	10.8604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.040292
USGS 05439000	4/1/2004	150	150	0.10	18.00	1771	10.8604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.040292
USGS 05439000	1/14/2005	150	150	0.10	18.00	1771	10.8604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.040292
USGS 05439000	10/26/2008	150	150	0.10	18.00	1771	10.8604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.040292
USGS 05439000	4/27/2015	150	150	0.10	18.00	1771	10.8604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	28.040292
USGS 05439000	4/14/1982	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	3/22/1983	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	4/18/1983	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	5/31/1983	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	3/16/1985	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	11/26/1985	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	12/31/1987	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	9/10/1989	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	1/21/1993	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	5/8/1993	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/16/1995	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	3/22/1998	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	4/15/1998	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	4/12/2001	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	3/28/2004	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	3/17/2007	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	5/9/2009	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	5/19/2009	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	10/28/2009	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	4/9/2010	149	149	0.10	17.90	1783	10.9340%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.89192294
USGS 05439000	11/30/1927	148	148	0.10	17.81	1803	11.0566%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.74355388
USGS 05439000	4/12/1928	148	148	0.10	17.81	1803	11.0566%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.74355388
USGS 05439000	4/17/1928	148	148	0.10	17.81	1803	11.0566%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.74355388
USGS 05439000	3/22/1990	148	148	0.10	17.81	1803	11.0566%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.74355388
USGS 05439000	6/4/1991	148	148	0.10	17.81	1803	11.0566%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.74355388
USGS 05439000	1/8/1993	148	148	0.10	17.81	1803	11.0566%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.74355388
USGS 05439000	9/17/1993	148	148	0.10	17.81	1803	11.0566%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.74355388
USGS 05439000	6/27/2000	148	148	0.10	17.81	1803	11.0566%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.74355388
USGS 05439000	4/12/2002	148	148	0.10	17.81	1803	11.0566%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.74355388
USGS 05439000	4/6/2009	148	148	0.10	17.81	1803	11.0566%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.74355388
USGS 05439000	5/6/2009	148	148	0.10	17.81	1803	11.0566%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.74355388
USGS 05439000	5/29/2009	148	148	0.10	17.81	1803	11.0566%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.74355388
USGS 05439000	3/7/2010	148	148	0.10	17.81	1803	11.0566%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.74355388
USGS 05439000	5/19/2011	148	148	0.10	17.81	1803	11.0566%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.74355388
USGS 05439000	3/16/2016	148	148	0.10	17.81	1803	11.0566%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.74355388
USGS 05439000	4/10/1982	147	147	0.10	17.71	1818	11.1486%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.59518483
USGS 05439000	5/4/1983	147	147	0.10	17.71	1818	11.1486%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.59518483
USGS 05439000	2/12/1984	147	147	0.10	17.71	1818	11.1486%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.59518483
USGS 05439000	3/27/1984	147	147	0.10	17.71	1818	11.1486%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.59518483
USGS 05439000	11/6/1985	147	147	0.10	17.71	1818	11.1486%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.59518483
USGS 05439000	8/25/1987	147	147	0.10	17.71	1818	11.1486%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.59518483
USGS 05439000	9/4/1987	147	147	0.10	17.71	1818	11.1486%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.59518483

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/3/1990	147	147	0.10	17.71	1818	11.1486%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.59518483
USGS 05439000	2/25/1992	147	147	0.10	17.71	1818	11.1486%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.59518483
USGS 05439000	5/1/1993	147	147	0.10	17.71	1818	11.1486%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.59518483
USGS 05439000	8/31/1993	147	147	0.10	17.71	1818	11.1486%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.59518483
USGS 05439000	10/24/2001	147	147	0.10	17.71	1818	11.1486%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.59518483
USGS 05439000	5/21/2002	147	147	0.10	17.71	1818	11.1486%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.59518483
USGS 05439000	6/16/2009	147	147	0.10	17.71	1818	11.1486%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.59518483
USGS 05439000	3/22/2010	147	147	0.10	17.71	1818	11.1486%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.59518483
USGS 05439000	4/8/1982	146	146	0.10	17.62	1833	11.2406%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.44681577
USGS 05439000	12/14/1982	146	146	0.10	17.62	1833	11.2406%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.44681577
USGS 05439000	6/1/1984	146	146	0.10	17.62	1833	11.2406%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.44681577
USGS 05439000	12/6/1985	146	146	0.10	17.62	1833	11.2406%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.44681577
USGS 05439000	10/5/1986	146	146	0.10	17.62	1833	11.2406%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.44681577
USGS 05439000	11/2/1992	146	146	0.10	17.62	1833	11.2406%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.44681577
USGS 05439000	3/14/1994	146	146	0.10	17.62	1833	11.2406%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.44681577
USGS 05439000	6/13/1996	146	146	0.10	17.62	1833	11.2406%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.44681577
USGS 05439000	4/13/1998	146	146	0.10	17.62	1833	11.2406%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.44681577
USGS 05439000	5/11/2002	146	146	0.10	17.62	1833	11.2406%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.44681577
USGS 05439000	12/23/2008	146	146	0.10	17.62	1833	11.2406%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.44681577
USGS 05439000	4/25/2009	146	146	0.10	17.62	1833	11.2406%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.44681577
USGS 05439000	3/18/2013	146	146	0.10	17.62	1833	11.2406%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.44681577
USGS 05439000	3/2/1930	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	3/29/1930	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	11/26/1931	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	12/13/1931	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	2/13/1932	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	5/4/1933	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	5/15/1933	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	7/1/1933	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	11/30/1983	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	3/21/1990	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	7/1/1990	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/26/1993	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	5/19/1997	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	12/8/1998	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	4/19/1999	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	12/21/2006	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	4/13/2007	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	1/13/2008	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	3/19/2010	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	5/28/2015	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	3/31/2016	145	145	0.10	17.52	1846	11.3203%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.29844671
USGS 05439000	4/30/1929	144	144	0.10	17.43	1867	11.4491%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.15007766
USGS 05439000	9/26/1980	144	144	0.10	17.43	1867	11.4491%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.15007766
USGS 05439000	12/9/1980	144	144	0.10	17.43	1867	11.4491%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.15007766
USGS 05439000	12/3/1987	144	144	0.10	17.43	1867	11.4491%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.15007766
USGS 05439000	6/11/1999	144	144	0.10	17.43	1867	11.4491%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.15007766
USGS 05439000	7/12/2000	144	144	0.10	17.43	1867	11.4491%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.15007766
USGS 05439000	3/2/2001	144	144	0.10	17.43	1867	11.4491%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.15007766
USGS 05439000	7/12/2007	144	144	0.10	17.43	1867	11.4491%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.15007766
USGS 05439000	4/4/2008	144	144	0.10	17.43	1867	11.4491%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.15007766
USGS 05439000	1/4/2009	144	144	0.10	17.43	1867	11.4491%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.15007766
USGS 05439000	5/5/2009	144	144	0.10	17.43	1867	11.4491%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.15007766
USGS 05439000	11/12/2011	144	144	0.10	17.43	1867	11.4491%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.15007766
USGS 05439000	4/29/2013	144	144	0.10	17.43	1867	11.4491%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.15007766
USGS 05439000	6/27/2015	144	144	0.10	17.43	1867	11.4491%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.15007766
USGS 05439000	12/20/1928	143	143	0.10	17.33	1881	11.5349%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.0017086
USGS 05439000	2/27/1929	143	143	0.10	17.33	1881	11.5349%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.0017086
USGS 05439000	10/19/1981	143	143	0.10	17.33	1881	11.5349%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.0017086
USGS 05439000	3/24/1982	143	143	0.10	17.33	1881	11.5349%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.0017086
USGS 05439000	4/20/1982	143	143	0.10	17.33	1881	11.5349%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.0017086
USGS 05439000	5/21/1990	143	143	0.10	17.33	1881	11.5349%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.0017086
USGS 05439000	3/9/1992	143	143	0.10	17.33	1881	11.5349%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.0017086
USGS 05439000	2/1/1993	143	143	0.10	17.33	1881	11.5349%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.0017086

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/22/1996	143	143	0.10	17.33	1881	11.5349%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.0017086
USGS 05439000	2/5/1999	143	143	0.10	17.33	1881	11.5349%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.0017086
USGS 05439000	3/26/2004	143	143	0.10	17.33	1881	11.5349%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.0017086
USGS 05439000	12/11/2008	143	143	0.10	17.33	1881	11.5349%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	27.0017086
USGS 05439000	4/14/1926	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	6/16/1926	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	8/21/1926	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	9/30/1926	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	3/26/1927	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	4/3/1927	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	4/4/1927	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	4/26/1927	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	6/6/1927	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	2/23/1930	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	9/7/1980	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	5/19/1987	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	12/4/1990	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	12/18/1990	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	7/24/1993	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	11/14/1994	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	6/18/1999	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	5/10/2000	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	6/20/2000	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	1/31/2001	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	3/19/2009	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	6/12/2009	142	142	0.10	17.24	1893	11.6085%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.85333955
USGS 05439000	5/31/1981	141	141	0.10	17.14	1915	11.7434%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.70497049
USGS 05439000	4/25/1984	141	141	0.10	17.14	1915	11.7434%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.70497049
USGS 05439000	10/24/1985	141	141	0.10	17.14	1915	11.7434%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.70497049
USGS 05439000	10/26/1986	141	141	0.10	17.14	1915	11.7434%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.70497049
USGS 05439000	11/28/1994	141	141	0.10	17.14	1915	11.7434%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.70497049
USGS 05439000	6/27/1996	141	141	0.10	17.14	1915	11.7434%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.70497049

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/28/1998	141	141	0.10	17.14	1915	11.7434%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.70497049
USGS 05439000	3/3/2001	141	141	0.10	17.14	1915	11.7434%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.70497049
USGS 05439000	6/8/2004	141	141	0.10	17.14	1915	11.7434%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.70497049
USGS 05439000	4/2/2007	141	141	0.10	17.14	1915	11.7434%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.70497049
USGS 05439000	3/7/2009	141	141	0.10	17.14	1915	11.7434%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.70497049
USGS 05439000	5/14/2015	141	141	0.10	17.14	1915	11.7434%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.70497049
USGS 05439000	6/4/1980	140	140	0.10	17.05	1927	11.8170%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.55660143
USGS 05439000	6/30/1983	140	140	0.10	17.05	1927	11.8170%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.55660143
USGS 05439000	3/28/1984	140	140	0.10	17.05	1927	11.8170%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.55660143
USGS 05439000	7/28/1993	140	140	0.10	17.05	1927	11.8170%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.55660143
USGS 05439000	3/9/1994	140	140	0.10	17.05	1927	11.8170%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.55660143
USGS 05439000	3/24/1994	140	140	0.10	17.05	1927	11.8170%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.55660143
USGS 05439000	3/4/2001	140	140	0.10	17.05	1927	11.8170%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.55660143
USGS 05439000	6/3/2007	140	140	0.10	17.05	1927	11.8170%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.55660143
USGS 05439000	6/22/2009	140	140	0.10	17.05	1927	11.8170%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.55660143
USGS 05439000	3/23/2014	140	140	0.10	17.05	1927	11.8170%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.55660143
USGS 05439000	6/21/1981	139	139	0.10	16.95	1937	11.8783%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.40823238
USGS 05439000	7/5/1982	139	139	0.10	16.95	1937	11.8783%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.40823238
USGS 05439000	12/12/1991	139	139	0.10	16.95	1937	11.8783%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.40823238
USGS 05439000	2/19/1992	139	139	0.10	16.95	1937	11.8783%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.40823238
USGS 05439000	3/19/1999	139	139	0.10	16.95	1937	11.8783%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.40823238
USGS 05439000	2/17/2001	139	139	0.10	16.95	1937	11.8783%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.40823238
USGS 05439000	9/5/2007	139	139	0.10	16.95	1937	11.8783%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.40823238
USGS 05439000	5/31/2008	139	139	0.10	16.95	1937	11.8783%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.40823238
USGS 05439000	6/26/2010	139	139	0.10	16.95	1937	11.8783%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.40823238
USGS 05439000	1/3/2011	139	139	0.10	16.95	1937	11.8783%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.40823238
USGS 05439000	3/4/2011	139	139	0.10	16.95	1937	11.8783%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.40823238
USGS 05439000	7/7/2014	139	139	0.10	16.95	1937	11.8783%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.40823238
USGS 05439000	5/26/2015	139	139	0.10	16.95	1937	11.8783%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.40823238
USGS 05439000	12/5/2015	139	139	0.10	16.95	1937	11.8783%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.40823238
USGS 05439000	1/11/2016	139	139	0.10	16.95	1937	11.8783%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.40823238
USGS 05439000	4/2/2016	139	139	0.10	16.95	1937	11.8783%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.40823238

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/31/1982	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	4/9/1982	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	2/24/1984	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	11/2/1984	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	10/3/1986	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	8/4/1990	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	4/17/1992	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	5/8/1995	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	1/9/1998	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	5/15/1998	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	10/20/1998	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	2/1/2001	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	3/8/2004	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	12/16/2006	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	3/29/2007	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	4/3/2007	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	3/16/2008	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	5/15/2008	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	4/19/2009	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	11/5/2009	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	12/19/2011	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	5/16/2015	138	138	0.10	16.86	1953	11.9765%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.25986332
USGS 05439000	2/24/1981	137	137	0.10	16.76	1975	12.1114%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.11149426
USGS 05439000	4/13/1981	137	137	0.10	16.76	1975	12.1114%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.11149426
USGS 05439000	12/31/1982	137	137	0.10	16.76	1975	12.1114%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.11149426
USGS 05439000	5/25/1986	137	137	0.10	16.76	1975	12.1114%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.11149426
USGS 05439000	5/27/1987	137	137	0.10	16.76	1975	12.1114%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.11149426
USGS 05439000	4/13/1988	137	137	0.10	16.76	1975	12.1114%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.11149426
USGS 05439000	9/10/1992	137	137	0.10	16.76	1975	12.1114%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.11149426
USGS 05439000	12/1/1992	137	137	0.10	16.76	1975	12.1114%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.11149426
USGS 05439000	5/1/2007	137	137	0.10	16.76	1975	12.1114%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.11149426
USGS 05439000	9/24/2008	137	137	0.10	16.76	1975	12.1114%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.11149426

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/1/2010	137	137	0.10	16.76	1975	12.1114%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.11149426
USGS 05439000	1/28/2010	137	137	0.10	16.76	1975	12.1114%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.11149426
USGS 05439000	3/17/2016	137	137	0.10	16.76	1975	12.1114%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	26.11149426
USGS 05439000	4/12/1929	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	5/1/1929	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	3/3/1930	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	4/16/1930	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	4/24/1930	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	11/22/1931	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	1/1/1932	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	1/2/1932	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	1/6/1932	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	3/7/1932	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	12/26/1979	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	4/1/1985	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	5/31/1989	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	6/5/1989	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	11/13/1994	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	6/7/1995	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	11/10/1995	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	8/12/1996	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	5/22/2002	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	7/18/2007	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	5/1/2011	136	136	0.10	16.67	1988	12.1911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.96312521
USGS 05439000	10/19/1980	135	135	0.10	16.57	2009	12.3199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.81475615
USGS 05439000	4/19/1983	135	135	0.10	16.57	2009	12.3199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.81475615
USGS 05439000	7/12/1983	135	135	0.10	16.57	2009	12.3199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.81475615
USGS 05439000	5/27/1986	135	135	0.10	16.57	2009	12.3199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.81475615
USGS 05439000	11/16/1992	135	135	0.10	16.57	2009	12.3199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.81475615
USGS 05439000	7/3/1993	135	135	0.10	16.57	2009	12.3199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.81475615
USGS 05439000	4/21/1999	135	135	0.10	16.57	2009	12.3199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.81475615
USGS 05439000	2/18/2001	135	135	0.10	16.57	2009	12.3199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.81475615

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/24/2001	135	135	0.10	16.57	2009	12.3199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.81475615
USGS 05439000	6/13/2002	135	135	0.10	16.57	2009	12.3199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.81475615
USGS 05439000	3/18/2007	135	135	0.10	16.57	2009	12.3199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.81475615
USGS 05439000	12/25/2008	135	135	0.10	16.57	2009	12.3199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.81475615
USGS 05439000	4/7/2009	135	135	0.10	16.57	2009	12.3199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.81475615
USGS 05439000	6/20/2009	135	135	0.10	16.57	2009	12.3199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.81475615
USGS 05439000	11/26/2009	135	135	0.10	16.57	2009	12.3199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.81475615
USGS 05439000	11/27/2009	135	135	0.10	16.57	2009	12.3199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.81475615
USGS 05439000	3/2/2012	135	135	0.10	16.57	2009	12.3199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.81475615
USGS 05439000	11/26/1928	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	3/21/1984	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	1/1/1988	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	7/20/1989	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	2/9/1990	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	7/21/1990	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	4/11/1991	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	5/6/1991	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	12/2/1991	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	5/9/1993	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	6/25/1993	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	12/28/1994	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	8/2/1996	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	5/2/1999	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	3/12/2002	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	4/12/2007	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	5/19/2010	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	2/23/2011	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	7/4/2013	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	5/18/2015	134	134	0.10	16.48	2026	12.4241%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.66638709
USGS 05439000	10/10/1926	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	12/2/1926	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	3/17/1927	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/21/1927	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	3/24/1927	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	4/6/1927	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	5/3/1927	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	6/2/1927	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	6/21/1927	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	9/27/1980	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	5/17/1981	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	5/15/1983	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	11/4/1987	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	5/17/1990	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	12/14/1991	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	3/10/1992	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	4/27/1993	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	4/29/1998	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	6/8/2001	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	12/25/2006	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	4/14/2007	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	4/13/2013	133	133	0.10	16.38	2046	12.5468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.51801804
USGS 05439000	8/23/1980	132	132	0.10	16.28	2068	12.6817%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.36964898
USGS 05439000	12/8/1980	132	132	0.10	16.28	2068	12.6817%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.36964898
USGS 05439000	5/24/1984	132	132	0.10	16.28	2068	12.6817%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.36964898
USGS 05439000	4/26/1987	132	132	0.10	16.28	2068	12.6817%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.36964898
USGS 05439000	2/7/1991	132	132	0.10	16.28	2068	12.6817%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.36964898
USGS 05439000	4/5/1998	132	132	0.10	16.28	2068	12.6817%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.36964898
USGS 05439000	10/25/2001	132	132	0.10	16.28	2068	12.6817%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.36964898
USGS 05439000	5/23/2002	132	132	0.10	16.28	2068	12.6817%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.36964898
USGS 05439000	6/16/2004	132	132	0.10	16.28	2068	12.6817%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.36964898
USGS 05439000	3/31/2007	132	132	0.10	16.28	2068	12.6817%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.36964898
USGS 05439000	8/3/2010	132	132	0.10	16.28	2068	12.6817%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.36964898
USGS 05439000	6/17/2011	132	132	0.10	16.28	2068	12.6817%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.36964898
USGS 05439000	12/4/2011	132	132	0.10	16.28	2068	12.6817%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.36964898

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/25/2015	132	132	0.10	16.28	2068	12.6817%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.36964898
USGS 05439000	3/27/2016	132	132	0.10	16.28	2068	12.6817%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.36964898
USGS 05439000	5/29/1981	131	131	0.10	16.19	2083	12.7737%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.22127992
USGS 05439000	9/30/1981	131	131	0.10	16.19	2083	12.7737%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.22127992
USGS 05439000	2/24/1982	131	131	0.10	16.19	2083	12.7737%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.22127992
USGS 05439000	3/17/1985	131	131	0.10	16.19	2083	12.7737%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.22127992
USGS 05439000	3/31/1985	131	131	0.10	16.19	2083	12.7737%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.22127992
USGS 05439000	5/29/1986	131	131	0.10	16.19	2083	12.7737%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.22127992
USGS 05439000	5/7/1990	131	131	0.10	16.19	2083	12.7737%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.22127992
USGS 05439000	8/30/1993	131	131	0.10	16.19	2083	12.7737%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.22127992
USGS 05439000	6/16/1998	131	131	0.10	16.19	2083	12.7737%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.22127992
USGS 05439000	11/10/2000	131	131	0.10	16.19	2083	12.7737%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.22127992
USGS 05439000	5/17/2003	131	131	0.10	16.19	2083	12.7737%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.22127992
USGS 05439000	3/2/2009	131	131	0.10	16.19	2083	12.7737%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.22127992
USGS 05439000	3/13/2011	131	131	0.10	16.19	2083	12.7737%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.22127992
USGS 05439000	1/30/2013	131	131	0.10	16.19	2083	12.7737%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.22127992
USGS 05439000	10/10/1927	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	1/21/1928	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	2/15/1928	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	6/26/1928	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	12/25/1979	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	11/14/1982	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	5/28/1986	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	6/14/1987	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	12/14/1987	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	3/25/1991	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	1/5/1995	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	2/20/1995	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	6/19/1998	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	5/7/2003	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	4/2/2004	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	1/15/2005	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/30/2006	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	3/7/2007	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	3/19/2007	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	8/19/2007	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	6/13/2008	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	3/23/2011	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	1/3/2016	130	130	0.10	16.09	2097	12.8595%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	25.07291087
USGS 05439000	9/3/1980	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	5/12/1981	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	4/15/1982	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	2/25/1983	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	6/8/1984	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	12/31/1984	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	11/27/1985	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	7/15/1986	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	8/3/1989	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	11/15/1994	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	5/17/1995	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	5/10/1997	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	4/14/1998	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	5/2/1998	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	4/24/2000	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	2/20/2001	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	2/22/2002	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	3/30/2007	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	12/22/2008	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	5/20/2009	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	6/6/2011	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	5/15/2015	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	6/13/2015	129	129	0.10	16.00	2120	13.0006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.92454181
USGS 05439000	3/10/1929	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	3/28/1929	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/31/1929	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	4/7/1929	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	3/29/1931	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	6/8/1931	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	4/19/1980	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	5/4/1981	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	3/23/1990	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	6/13/1991	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	2/18/1992	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	6/14/1996	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	3/23/1998	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	5/19/1998	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	6/6/1999	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	3/2/2008	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	5/30/2009	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	6/2/2009	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	3/20/2010	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	3/3/2011	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	6/28/2015	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	12/20/2015	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	4/7/2016	128	128	0.10	15.90	2143	13.1416%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.77617275
USGS 05439000	6/25/1931	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	1/7/1932	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	3/27/1933	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	4/1/1933	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	4/2/1933	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	5/5/1933	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	5/26/1933	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	5/28/1933	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	3/25/1982	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	7/12/1982	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	6/1/1983	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/7/1985	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	9/5/1987	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	5/9/1990	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	2/26/1992	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	4/28/1993	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	5/18/1995	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	2/15/1998	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	7/5/2000	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	5/21/2003	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	2/17/2005	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	12/26/2008	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	6/17/2009	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	3/24/2011	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	3/7/2012	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	5/10/2012	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	6/15/2013	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	3/17/2015	127	127	0.10	15.81	2166	13.2826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.6278037
USGS 05439000	12/21/1928	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	12/22/1928	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	4/16/1981	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	4/26/1981	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	6/2/1987	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	2/8/1990	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	12/12/1990	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	4/1/1991	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	4/20/1991	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	12/11/1991	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	12/21/1992	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	2/27/1998	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	2/28/1998	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	5/19/1999	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	6/1/1999	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/25/2004	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	6/9/2004	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	3/8/2007	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	4/17/2008	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	2/7/2009	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	2/15/2009	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	3/20/2009	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	5/13/2009	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	8/6/2010	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	5/20/2011	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	5/3/2013	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	5/29/2015	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	7/18/2015	126	126	0.10	15.71	2194	13.4543%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.47943464
USGS 05439000	4/2/1982	125	125	0.10	15.62	2222	13.6261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.33106558
USGS 05439000	6/2/1982	125	125	0.10	15.62	2222	13.6261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.33106558
USGS 05439000	7/6/1982	125	125	0.10	15.62	2222	13.6261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.33106558
USGS 05439000	12/15/1982	125	125	0.10	15.62	2222	13.6261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.33106558
USGS 05439000	4/20/1983	125	125	0.10	15.62	2222	13.6261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.33106558
USGS 05439000	10/27/1986	125	125	0.10	15.62	2222	13.6261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.33106558
USGS 05439000	4/15/1987	125	125	0.10	15.62	2222	13.6261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.33106558
USGS 05439000	1/18/1995	125	125	0.10	15.62	2222	13.6261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.33106558
USGS 05439000	4/16/1995	125	125	0.10	15.62	2222	13.6261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.33106558
USGS 05439000	6/16/1996	125	125	0.10	15.62	2222	13.6261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.33106558
USGS 05439000	3/7/1997	125	125	0.10	15.62	2222	13.6261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.33106558
USGS 05439000	5/9/1999	125	125	0.10	15.62	2222	13.6261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.33106558
USGS 05439000	4/13/2002	125	125	0.10	15.62	2222	13.6261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.33106558
USGS 05439000	3/21/2010	125	125	0.10	15.62	2222	13.6261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.33106558
USGS 05439000	6/29/2010	125	125	0.10	15.62	2222	13.6261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.33106558
USGS 05439000	4/30/2013	125	125	0.10	15.62	2222	13.6261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.33106558
USGS 05439000	6/26/2014	125	125	0.10	15.62	2222	13.6261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.33106558
USGS 05439000	11/22/2015	125	125	0.10	15.62	2222	13.6261%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.33106558
USGS 05439000	9/17/1926	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/3/1926	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	2/9/1927	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	3/22/1927	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	3/23/1927	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	3/25/1927	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	5/12/1927	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	12/13/1983	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	6/2/1984	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	3/9/1986	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	11/17/1987	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	5/19/1990	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	4/16/1992	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	5/1/1995	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	5/19/1995	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	3/11/1998	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	5/16/1998	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	2/6/1999	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	6/19/1999	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	3/19/2008	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	4/8/2008	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	6/11/2008	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	3/23/2010	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	4/10/2010	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	7/8/2015	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	0.625	mg/L	0.289	28.3	52.29821913	24.18269653
USGS 05439000	12/6/2015	124	124	0.10	15.52	2240	13.7364%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.18269653
USGS 05439000	9/28/1980	123	123	0.10	15.43	2266	13.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.03432747
USGS 05439000	5/14/1981	123	123	0.10	15.43	2266	13.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.03432747
USGS 05439000	7/1/1982	123	123	0.10	15.43	2266	13.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.03432747
USGS 05439000	5/14/1983	123	123	0.10	15.43	2266	13.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.03432747
USGS 05439000	11/7/1985	123	123	0.10	15.43	2266	13.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.03432747
USGS 05439000	11/9/1985	123	123	0.10	15.43	2266	13.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.03432747
USGS 05439000	2/27/1994	123	123	0.10	15.43	2266	13.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.03432747

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/5/1994	123	123	0.10	15.43	2266	13.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.03432747
USGS 05439000	6/14/2002	123	123	0.10	15.43	2266	13.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.03432747
USGS 05439000	6/10/2004	123	123	0.10	15.43	2266	13.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.03432747
USGS 05439000	12/1/2006	123	123	0.10	15.43	2266	13.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.03432747
USGS 05439000	12/17/2006	123	123	0.10	15.43	2266	13.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.03432747
USGS 05439000	6/2/2007	123	123	0.10	15.43	2266	13.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.03432747
USGS 05439000	9/30/2008	123	123	0.10	15.43	2266	13.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.03432747
USGS 05439000	5/10/2009	123	123	0.10	15.43	2266	13.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.03432747
USGS 05439000	10/29/2009	123	123	0.10	15.43	2266	13.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.03432747
USGS 05439000	11/6/2009	123	123	0.10	15.43	2266	13.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.03432747
USGS 05439000	4/11/2015	123	123	0.10	15.43	2266	13.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	24.03432747
USGS 05439000	6/27/1982	122	122	0.10	15.33	2284	14.0063%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.88595841
USGS 05439000	7/29/1982	122	122	0.10	15.33	2284	14.0063%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.88595841
USGS 05439000	3/23/1983	122	122	0.10	15.33	2284	14.0063%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.88595841
USGS 05439000	5/5/1983	122	122	0.10	15.33	2284	14.0063%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.88595841
USGS 05439000	5/30/1986	122	122	0.10	15.33	2284	14.0063%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.88595841
USGS 05439000	5/28/1987	122	122	0.10	15.33	2284	14.0063%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.88595841
USGS 05439000	2/23/1988	122	122	0.10	15.33	2284	14.0063%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.88595841
USGS 05439000	8/9/1989	122	122	0.10	15.33	2284	14.0063%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.88595841
USGS 05439000	4/12/1991	122	122	0.10	15.33	2284	14.0063%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.88595841
USGS 05439000	6/5/1991	122	122	0.10	15.33	2284	14.0063%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.88595841
USGS 05439000	12/2/1992	122	122	0.10	15.33	2284	14.0063%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.88595841
USGS 05439000	11/14/1995	122	122	0.10	15.33	2284	14.0063%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.88595841
USGS 05439000	5/13/1996	122	122	0.10	15.33	2284	14.0063%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.88595841
USGS 05439000	2/14/1999	122	122	0.10	15.33	2284	14.0063%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.88595841
USGS 05439000	5/2/2002	122	122	0.10	15.33	2284	14.0063%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.88595841
USGS 05439000	4/4/2007	122	122	0.10	15.33	2284	14.0063%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.88595841
USGS 05439000	3/23/2008	122	122	0.10	15.33	2284	14.0063%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.88595841
USGS 05439000	12/20/2011	122	122	0.10	15.33	2284	14.0063%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.88595841
USGS 05439000	10/13/1927	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	12/29/1927	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	5/19/1928	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/16/1981	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	2/22/1982	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	5/6/1983	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	4/26/1984	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	11/28/1985	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	5/26/1986	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	6/22/1990	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	4/30/1998	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	10/17/1998	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	4/20/1999	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	6/21/2000	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	5/25/2002	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	8/14/2007	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	7/21/2008	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	4/8/2009	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	6/1/2009	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	5/4/2013	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	4/9/2015	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	5/30/2015	121	121	0.10	15.24	2302	14.1166%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.73758936
USGS 05439000	3/12/1929	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	4/8/1929	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	4/13/1929	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	6/22/1929	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	2/20/1930	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	2/25/1984	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	3/29/1984	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	12/19/1990	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	7/29/1993	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	9/18/1993	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	10/3/1993	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	3/18/1994	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	4/20/1995	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/3/1998	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	5/3/1999	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	6/28/2000	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	6/3/2001	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	8/12/2007	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	6/15/2008	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	3/24/2009	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	2/17/2011	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	4/8/2016	120	120	0.10	15.14	2324	14.2515%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.5892203
USGS 05439000	11/21/1931	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	12/14/1931	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	1/14/1932	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	1/19/1932	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	4/3/1932	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	3/28/1933	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	4/3/1933	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	4/8/1933	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	5/16/1933	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	7/10/1933	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	6/22/1981	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	5/16/1983	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	3/22/1984	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	4/14/1988	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	6/23/1990	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	4/6/1998	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	4/7/1998	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	5/1/1998	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	2/7/1999	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	3/20/2007	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	6/6/2008	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	9/29/2008	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124
USGS 05439000	1/5/2009	119	119	0.10	15.05	2346	14.3865%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.44085124

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/27/1928	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	12/23/1928	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	1/6/1929	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	1/24/1929	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	12/24/1982	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	1/1/1983	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	12/15/1984	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	10/1/1986	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	9/17/1987	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	12/5/1990	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	5/20/1991	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	10/17/1993	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	5/5/1998	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	2/28/2000	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	5/24/2002	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	6/11/2004	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	6/17/2004	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	2/7/2005	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	5/2/2007	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	9/25/2008	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	4/3/2014	118	118	0.10	14.95	2369	14.5275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.29248219
USGS 05439000	2/18/1983	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	7/13/1983	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	12/14/1983	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	6/28/1985	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	12/8/1985	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	3/18/1986	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	9/11/1989	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	2/15/1990	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	3/24/1990	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	11/17/1992	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	6/26/1993	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/28/1996	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	3/13/2002	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	4/15/2007	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	2/20/2008	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	6/3/2009	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	6/23/2010	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	3/3/2012	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	6/13/2014	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	6/29/2015	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	4/6/2016	117	117	0.10	14.86	2390	14.6563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	23.14411313
USGS 05439000	2/21/1926	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	3/4/1926	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	4/15/1926	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	10/11/1926	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	12/14/1926	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	2/10/1927	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	2/11/1927	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	3/18/1927	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	3/20/1927	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	3/27/1927	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	4/27/1927	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	5/9/1927	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	6/3/1927	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	6/5/1980	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	9/29/1980	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	2/25/1982	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	4/21/1982	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	9/6/1987	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	9/14/1989	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	11/29/1991	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	12/26/1993	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	12/29/1994	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/11/1995	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	4/10/1995	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	5/20/1999	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	5/12/2004	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	6/4/2007	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	4/5/2008	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	7/15/2008	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	5/21/2009	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	5/2/2011	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	4/25/2015	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	4/28/2015	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	4/3/2016	116	116	0.10	14.76	2411	14.7851%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.99574407
USGS 05439000	5/11/1981	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	5/18/1981	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	3/18/1985	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	2/7/1986	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	3/16/1986	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	5/22/1990	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	12/11/1990	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	4/18/1992	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	11/3/1992	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	11/20/1992	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	2/25/1994	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	6/30/1994	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	1/5/1998	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	6/9/1998	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	2/10/1999	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	12/26/2006	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	12/26/2007	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	1/14/2008	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	10/27/2008	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	3/21/2009	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/18/2009	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	1/29/2010	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	6/18/2011	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	3/8/2012	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	7/8/2014	115	115	0.10	14.67	2445	14.9936%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.84737502
USGS 05439000	6/7/1980	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	4/21/1983	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	10/2/1986	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	1/17/1990	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	3/4/1990	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	4/21/1991	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	1/16/1992	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	2/7/1993	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	3/13/1994	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	6/14/1994	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	8/13/1996	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	5/11/1999	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	6/7/1999	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	3/25/2001	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	4/14/2002	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	3/18/2008	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	5/30/2008	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	10/24/2008	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	11/7/2009	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	11/13/2011	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	3/28/2016	114	114	0.10	14.57	2470	15.1469%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.69900596
USGS 05439000	10/11/1927	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	11/15/1927	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	11/24/1927	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	11/28/1927	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	12/1/1927	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	12/31/1927	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/1/1928	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	4/13/1928	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	4/18/1928	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	6/24/1928	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	7/8/1928	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	3/29/1929	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	5/2/1929	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	5/24/1929	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	7/12/1929	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	10/20/1980	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	12/16/1982	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	6/2/1983	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	4/30/1984	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	9/7/1987	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	12/4/1987	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	9/13/1989	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	1/9/1993	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	5/10/1993	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	7/4/1993	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	10/18/1993	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	3/15/1994	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	8/13/1994	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	11/16/1994	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	2/21/1995	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	6/8/1995	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	6/15/1996	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	8/3/1996	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	3/8/1997	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	1/11/1998	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	2/16/1998	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	11/12/1998	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	6/5/2000	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/30/2001	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	5/18/2003	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	4/3/2004	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	9/6/2007	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	4/18/2008	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	3/14/2011	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	12/21/2011	113	113	0.10	14.48	2491	15.2756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.5506369
USGS 05439000	2/22/1930	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	3/30/1930	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	4/25/1930	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	4/20/1980	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	5/13/1981	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	10/20/1981	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	5/7/1983	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	5/31/1986	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	9/18/1987	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	12/19/1987	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	3/12/1989	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	2/10/1990	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	5/8/1990	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	3/10/1997	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	5/11/1997	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	3/20/1999	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	5/10/1999	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	6/4/2000	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	5/3/2003	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	7/24/2007	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	8/15/2007	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	5/16/2008	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	5/11/2009	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	1/2/2010	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	5/20/2010	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/7/2011	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	12/5/2011	112	112	0.10	14.38	2536	15.5516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.40226785
USGS 05439000	11/27/1931	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	2/14/1932	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	6/7/1932	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	1/23/1933	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	2/2/1933	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	5/20/1933	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	5/21/1933	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	7/5/1933	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	6/8/1980	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	3/24/1983	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	4/2/1985	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	5/18/1990	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	12/22/1992	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	3/12/1993	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	12/25/1994	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	3/12/1995	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	3/9/1997	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	1/10/1998	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	3/24/1998	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	6/20/1999	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	5/31/2003	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	3/17/2008	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	12/12/2008	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	5/31/2009	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	6/21/2009	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	6/21/2010	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	5/19/2015	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	3/18/2016	111	111	0.10	14.28	2563	15.7172%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.25389879
USGS 05439000	12/24/1928	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	1/7/1929	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/22/1981	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	5/5/1981	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	11/2/1982	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	2/22/1985	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	3/19/1985	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	1/21/1986	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	2/22/1986	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	4/27/1987	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	1/18/1988	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	7/21/1989	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	11/7/1990	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	2/19/1991	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	1/4/1995	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	5/4/1998	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	5/4/1999	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	5/13/2000	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	4/13/2001	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	6/9/2001	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	9/19/2001	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	3/9/2004	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	2/8/2005	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	9/7/2007	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	3/8/2008	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	8/29/2009	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	3/6/2010	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	2/28/2011	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	5/5/2013	110	110	0.10	14.19	2591	15.8889%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	22.10552973
USGS 05439000	7/2/1982	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068
USGS 05439000	12/9/1986	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068
USGS 05439000	2/23/1990	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068
USGS 05439000	3/25/1990	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068
USGS 05439000	12/13/1990	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/11/1992	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068
USGS 05439000	4/19/1992	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068
USGS 05439000	9/1/1993	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068
USGS 05439000	5/20/1998	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068
USGS 05439000	6/17/1998	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068
USGS 05439000	5/21/1999	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068
USGS 05439000	2/23/2002	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068
USGS 05439000	6/15/2002	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068
USGS 05439000	12/13/2008	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068
USGS 05439000	4/14/2009	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068
USGS 05439000	11/28/2009	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068
USGS 05439000	3/25/2011	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068
USGS 05439000	5/31/2015	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068
USGS 05439000	6/30/2015	109	109	0.10	14.09	2620	16.0667%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.95716068
USGS 05439000	6/20/1926	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	8/20/1926	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	10/12/1926	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	2/1/1927	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	4/1/1927	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	4/7/1927	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	5/4/1927	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	5/13/1927	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	6/7/1927	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	8/24/1980	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	4/22/1983	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	10/25/1985	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	4/2/1991	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	5/11/1993	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	1/19/1995	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	5/20/1995	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	5/25/1997	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	5/17/1998	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/8/1999	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	2/9/1999	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	3/11/2008	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	4/19/2008	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	6/16/2008	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	7/11/2008	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	2/16/2009	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	5/21/2011	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	2/12/2013	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	7/5/2013	108	108	0.10	14.00	2639	16.1832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.80879162
USGS 05439000	9/30/1980	107	107	0.10	13.90	2667	16.3549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.66042256
USGS 05439000	12/1/1983	107	107	0.10	13.90	2667	16.3549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.66042256
USGS 05439000	3/20/1986	107	107	0.10	13.90	2667	16.3549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.66042256
USGS 05439000	5/26/1990	107	107	0.10	13.90	2667	16.3549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.66042256
USGS 05439000	8/23/1990	107	107	0.10	13.90	2667	16.3549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.66042256
USGS 05439000	4/13/1991	107	107	0.10	13.90	2667	16.3549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.66042256
USGS 05439000	3/11/1997	107	107	0.10	13.90	2667	16.3549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.66042256
USGS 05439000	2/15/1999	107	107	0.10	13.90	2667	16.3549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.66042256
USGS 05439000	5/5/1999	107	107	0.10	13.90	2667	16.3549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.66042256
USGS 05439000	4/5/2007	107	107	0.10	13.90	2667	16.3549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.66042256
USGS 05439000	3/20/2008	107	107	0.10	13.90	2667	16.3549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.66042256
USGS 05439000	4/9/2009	107	107	0.10	13.90	2667	16.3549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.66042256
USGS 05439000	4/11/2010	107	107	0.10	13.90	2667	16.3549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.66042256
USGS 05439000	4/18/2011	107	107	0.10	13.90	2667	16.3549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.66042256
USGS 05439000	4/5/2014	107	107	0.10	13.90	2667	16.3549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.66042256
USGS 05439000	4/14/2014	107	107	0.10	13.90	2667	16.3549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.66042256
USGS 05439000	7/15/2014	107	107	0.10	13.90	2667	16.3549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.66042256
USGS 05439000	3/11/1929	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	4/9/1929	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	5/16/1929	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	7/1/1929	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	4/4/1980	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/10/1980	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	6/1/1981	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	2/26/1982	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	4/1/1982	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	6/3/1983	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	12/16/1984	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	11/29/1985	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	3/17/1986	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	3/2/1990	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	4/22/1991	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	8/29/1993	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	12/26/1994	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	12/27/1994	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	4/17/1995	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	2/19/2001	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	2/21/2001	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	5/22/2003	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	3/24/2010	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	2/24/2011	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	6/8/2011	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	5/11/2012	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	5/1/2013	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	12/7/2015	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	12/13/2015	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	1/4/2016	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	4/4/2016	106	106	0.10	13.81	2684	16.4592%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.51205351
USGS 05439000	11/25/1927	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	1/11/1928	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	3/9/1928	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	6/20/1928	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	7/19/1928	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	7/24/1928	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/5/1928	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	4/17/1981	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	12/17/1982	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	4/27/1984	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	2/3/1987	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	5/29/1987	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	7/2/1990	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	11/5/1992	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	12/4/1992	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	3/27/1994	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	2/17/1998	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	6/18/1998	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	12/9/1998	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	4/19/2000	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	6/29/2000	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	5/8/2003	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	5/19/2003	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	3/21/2008	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	3/15/2011	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	6/27/2014	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	11/23/2015	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	4/9/2016	105	105	0.10	13.71	2715	16.6493%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.36368445
USGS 05439000	4/14/1929	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	2/21/1930	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	3/28/1931	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	2/26/1983	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	5/17/1983	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	6/15/1983	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	2/26/1984	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	6/3/1984	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	1/1/1985	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	1/29/1988	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/3/1991	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	4/20/1992	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	1/26/1993	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	4/21/1995	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	5/2/1995	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	3/25/1998	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	5/22/1999	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	7/13/2000	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	3/14/2002	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	5/3/2002	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	5/26/2002	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	2/24/2004	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	5/3/2007	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	6/5/2007	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	7/13/2007	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	3/24/2008	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	10/8/2008	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	6/4/2009	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	6/18/2014	104	104	0.10	13.62	2743	16.8210%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.21531539
USGS 05439000	11/28/1928	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	11/30/1928	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	12/25/1928	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	1/3/1932	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	1/8/1932	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	1/13/1932	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	1/20/1932	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	5/8/1932	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	12/27/1932	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	2/25/1933	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	4/9/1933	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	5/17/1933	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	5/29/1933	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/6/1980	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	6/24/1981	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	3/20/1984	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	4/3/1985	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	11/30/1985	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	3/7/1986	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	7/16/1986	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	4/15/1988	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	7/19/1989	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	6/6/1991	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	12/15/1991	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	7/5/1993	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	8/25/1993	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	8/5/1996	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	3/1/1998	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	3/12/1998	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	5/18/1998	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	6/20/1998	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	10/21/1998	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	4/25/2000	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	4/15/2002	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	6/18/2004	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	2/18/2005	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	3/22/2008	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	6/14/2008	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	9/26/2008	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	12/18/2008	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	12/19/2008	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	3/22/2009	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	5/12/2009	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	5/26/2009	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	5/21/2010	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/19/2011	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	3/30/2016	103	103	0.10	13.52	2772	16.9988%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	21.06694634
USGS 05439000	9/4/1980	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	4/27/1981	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	11/28/1982	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	1/2/1983	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	3/30/1984	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	11/8/1985	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	9/8/1987	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	2/26/1990	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	3/5/1990	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	12/6/1990	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	12/17/1990	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	2/27/1992	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	12/3/1992	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	10/19/1993	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	11/17/1994	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	3/13/1995	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	11/2/1995	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	6/29/1996	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	3/12/1997	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	6/8/1999	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	6/22/1999	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	6/22/2000	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	4/15/2001	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	6/12/2008	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	1/6/2009	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	4/13/2009	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	5/23/2009	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	12/24/2009	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	5/3/2011	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	3/4/2012	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/19/2013	102	102	0.10	13.43	2819	17.2871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.91857728
USGS 05439000	12/28/1927	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	5/19/1981	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	6/3/1982	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	11/15/1982	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	12/18/1982	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	2/16/1983	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	5/19/1983	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	12/9/1985	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	5/25/1990	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	6/18/1990	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	6/12/1991	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	5/14/1996	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	2/29/2000	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	3/5/2001	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	4/16/2001	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	12/18/2006	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	4/6/2008	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	1/4/2011	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	3/6/2012	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	4/10/2016	101	101	0.10	13.33	2850	17.4772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.77020822
USGS 05439000	4/16/1926	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	10/13/1926	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	12/4/1926	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	12/13/1926	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	2/17/1927	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	3/19/1927	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	3/28/1927	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	4/9/1927	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	4/28/1927	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	5/23/1927	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	6/22/1927	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/2/1928	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	10/1/1980	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	9/29/1981	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	7/13/1982	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	7/14/1983	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	6/6/1984	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	12/14/1984	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	5/25/1989	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	5/23/1990	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	6/14/1990	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	2/4/1991	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	5/21/1991	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	5/12/1993	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	2/18/1994	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	12/30/1994	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	6/21/1999	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	6/23/1999	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	6/23/2000	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	3/13/2001	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	5/27/2002	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	1/16/2005	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	6/11/2006	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	12/27/2006	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	4/6/2007	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	2/17/2009	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	5/22/2009	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	5/22/2011	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	6/20/2011	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	5/2/2013	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	3/24/2014	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	4/12/2015	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	4/29/2015	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/12/2015	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.62183917
USGS 05439000	7/15/2015	100	100	0.10	13.24	2870	17.5998%	Phosphorus, Total	0.498	mg/L	0.289	28.3	35.53521074	20.62183917
USGS 05439000	3/30/1929	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	5/3/1929	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	6/23/1929	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	11/28/1931	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	12/15/1931	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	3/8/1932	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	4/4/1932	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	2/1/1933	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	3/31/1933	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	10/21/1980	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	4/22/1982	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	7/30/1982	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	3/26/1983	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	4/23/1983	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	6/28/1983	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	11/25/1983	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	5/22/1984	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	3/28/1985	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	11/5/1987	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	12/5/1987	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	1/25/1988	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	9/12/1989	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	2/1/1990	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	2/3/1990	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	5/27/1990	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	12/15/1990	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	3/4/1991	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	4/21/1992	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	11/11/1992	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	3/5/1994	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/10/1994	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	3/19/1994	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	6/9/1995	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	3/26/1998	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	3/25/2008	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	5/17/2008	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	5/28/2008	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	6/7/2008	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	6/8/2008	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	6/25/2009	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	5/7/2010	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	4/15/2012	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	5/6/2013	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	6/16/2013	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	1/12/2016	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	3/29/2016	99	99	0.10	13.14	2915	17.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.47347011
USGS 05439000	7/21/1980	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	2/28/1981	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	6/29/1983	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	6/30/1985	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	6/1/1986	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	10/6/1986	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	6/11/1987	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	9/15/1989	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	1/13/1993	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	2/4/1993	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	11/15/1995	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	5/21/1998	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	7/9/1998	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	2/16/1999	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	3/21/1999	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	7/6/2000	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/26/2001	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	4/28/2002	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	6/16/2002	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	4/16/2007	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	6/5/2009	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	5/23/2011	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	4/14/2013	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	6/29/2014	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	5/20/2015	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	6/1/2015	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	1/13/2016	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	2/4/2016	98	98	0.10	13.05	2961	18.1578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.32510105
USGS 05439000	11/16/1927	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	3/14/1928	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	3/31/1930	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	4/26/1930	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	12/27/1979	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	4/21/1980	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	6/23/1981	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	3/26/1982	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	12/19/1982	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	3/25/1983	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	6/27/1983	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	12/10/1985	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	8/10/1989	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	2/7/1990	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	3/26/1990	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	4/14/1990	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	12/10/1990	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	4/23/1991	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	2/2/1993	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	3/17/1993	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/19/1993	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	11/29/1994	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	5/26/1997	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	2/18/1998	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	3/13/1998	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	5/25/2006	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	5/4/2007	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	1/15/2008	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	10/1/2008	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	10/28/2008	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	11/14/2008	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	4/15/2009	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	7/26/2010	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	7/6/2015	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	12/8/2015	97	97	0.10	12.95	2989	18.3296%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.176732
USGS 05439000	11/29/1928	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	12/1/1928	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	6/7/1931	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	6/9/1984	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	6/15/1984	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	6/15/1986	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	5/7/1991	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	3/12/1992	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	3/13/1993	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	8/4/1996	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	8/14/1996	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	3/13/1997	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	3/14/1997	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	5/12/1997	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	3/17/1998	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	6/9/1999	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	4/14/2001	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/1/2001	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	2/24/2002	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	3/15/2002	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	5/28/2002	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	4/4/2004	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	11/15/2008	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	12/14/2008	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	2/18/2009	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	3/3/2009	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	4/12/2010	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	5/8/2010	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	6/21/2011	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	12/22/2011	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	2/1/2012	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	2/21/2014	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	7/9/2015	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	1/8/2016	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	4/11/2016	96	96	0.10	12.86	3024	18.5442%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	20.02836294
USGS 05439000	1/21/1932	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	1/20/1933	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	3/29/1933	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	5/19/1933	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	5/18/1983	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	6/4/1983	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	11/27/1983	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	5/1/1984	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	1/17/1988	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	2/4/1988	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	4/16/1988	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	4/15/1990	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	6/15/1990	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	12/16/1990	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/20/1990	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	5/22/1991	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	3/25/1992	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	10/20/1993	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	3/14/1995	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	5/23/1999	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	6/10/2001	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	6/10/2006	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	3/23/2009	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	11/8/2009	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	11/25/2009	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	3/25/2010	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	3/26/2011	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	4/15/2014	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	8/21/2014	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	7/16/2015	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	3/19/2016	95	95	0.10	12.76	3059	18.7588%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.87999388
USGS 05439000	10/14/1927	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	12/2/1927	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	2/25/1981	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	2/27/1984	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	4/5/1984	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	6/4/1984	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	3/20/1985	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	6/17/1990	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	2/8/1991	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	4/3/1991	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	11/18/1992	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	7/30/1993	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	6/4/2001	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	5/29/2002	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	5/4/2003	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/23/2003	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	12/12/2003	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	4/20/2008	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	5/24/2009	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	3/16/2011	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	7/1/2015	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	0.373	mg/L	0.289	28.3	25.46676837	19.73162483
USGS 05439000	1/5/2016	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	1/18/2016	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	3/15/2016	94	94	0.10	12.67	3090	18.9489%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.73162483
USGS 05439000	2/24/1926	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	3/5/1926	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	12/5/1926	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	2/14/1927	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	4/8/1927	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	5/5/1927	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	5/14/1927	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	6/8/1927	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	4/5/1980	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	10/2/1980	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	5/6/1981	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	10/28/1986	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	9/19/1987	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	11/18/1987	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	4/17/1988	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	7/22/1989	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	5/5/1991	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	2/28/1992	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	12/6/1992	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	1/10/1993	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	10/21/1993	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	11/27/1994	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	5/20/1997	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/28/1998	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	11/13/1998	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	6/6/2000	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	8/22/2002	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	2/23/2004	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	4/21/2004	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	4/25/2004	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	6/21/2004	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	4/11/2007	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	6/1/2008	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	12/17/2008	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	12/20/2008	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	6/6/2009	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	1/30/2010	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	6/30/2010	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	5/4/2011	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	3/12/2012	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	7/9/2014	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	7/12/2014	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	4/13/2015	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	7/19/2015	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	1/14/2016	93	93	0.10	12.57	3114	19.0961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.58325577
USGS 05439000	4/10/1929	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	10/1/1981	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	5/8/1983	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	12/15/1983	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	6/13/1984	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	12/10/1986	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	6/6/1989	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	2/6/1990	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	5/16/1991	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	5/17/1991	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/17/1992	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	12/23/1992	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	7/6/1993	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	11/2/1994	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	5/21/1995	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	5/9/1996	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	1/4/1998	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	5/22/1998	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	6/10/1999	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	10/26/2001	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	4/16/2002	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	5/4/2002	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	5/30/2002	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	5/1/2006	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	4/7/2007	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	9/8/2007	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	2/21/2008	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	10/9/2008	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	10/29/2008	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	4/10/2009	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	11/29/2009	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	2/25/2011	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	3/24/2013	92	92	0.10	12.48	3159	19.3720%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.43488671
USGS 05439000	12/2/1928	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	7/3/1931	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	1/22/1932	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	1/23/1932	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	2/15/1932	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	4/5/1932	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	12/23/1932	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	2/23/1933	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	3/30/1933	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/4/1933	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	4/10/1933	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	5/18/1933	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	5/22/1933	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	2/23/1980	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	4/7/1980	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	3/1/1981	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	1/3/1983	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	12/2/1983	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	4/29/1984	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	4/4/1985	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	9/30/1986	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	12/6/1987	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	2/11/1990	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	5/28/1990	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	12/5/1992	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	5/13/1993	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	7/1/1994	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	6/10/1995	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	1/5/1997	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	5/3/1997	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	3/27/1998	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	7/5/1998	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	6/17/2002	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	12/12/2006	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	12/6/2011	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	3/9/2012	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	6/1/2013	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	4/30/2015	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	12/9/2015	91	91	0.10	12.38	3192	19.5744%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.28651766
USGS 05439000	6/21/1926	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	10/14/1926	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/16/1927	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	11/26/1927	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	1/10/1928	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	3/27/1928	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	4/19/1928	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	3/16/1980	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	3/18/1980	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	4/22/1980	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	5/20/1981	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	2/27/1983	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	12/28/1984	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	3/29/1985	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	1/20/1986	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	9/9/1987	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	1/2/1988	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	3/5/1989	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	9/3/1989	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	2/25/1990	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	8/12/1990	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	12/7/1990	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	4/4/1991	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	6/7/1991	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	11/6/1992	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	12/24/1992	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	3/14/1993	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	10/4/1993	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	10/10/1993	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	2/28/1994	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	3/16/1994	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	11/18/1994	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	12/24/1994	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	1/6/1995	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/15/1995	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	4/9/1995	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	4/26/1995	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	5/4/1997	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	3/2/1998	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	6/24/1999	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	6/30/2000	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	5/31/2002	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	6/27/2006	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	12/15/2008	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	2/19/2009	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	5/25/2009	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	1/3/2010	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	3/17/2011	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	4/8/2011	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	3/5/2012	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	5/12/2012	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	4/15/2013	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	7/6/2013	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	3/18/2015	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	6/2/2015	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	4/5/2016	90	90	0.10	12.28	3231	19.8136%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	19.1381486
USGS 05439000	4/3/1980	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	4/22/1981	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	6/2/1981	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	4/6/1985	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	11/24/1986	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	4/16/1987	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	5/24/1990	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	12/14/1990	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	2/22/1991	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	12/16/1991	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/4/1992	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	11/19/1992	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	1/31/1993	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	9/20/1993	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	3/15/1997	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	2/17/1999	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	5/24/1999	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	4/17/2001	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	4/29/2002	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	6/19/2004	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	2/19/2005	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	3/10/2008	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	4/7/2008	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	9/27/2008	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	4/13/2010	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	4/9/2011	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	5/5/2011	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	5/6/2011	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	11/14/2011	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	5/4/2015	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	5/21/2015	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	0.679	mg/L	0.289	28.3	44.61612564	18.98977954
USGS 05439000	1/6/2016	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	2/2/2016	89	89	0.10	12.19	3287	20.1570%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.98977954
USGS 05439000	4/15/1929	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	4/19/1929	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	5/4/1929	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	6/24/1929	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	8/25/1980	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	4/24/1983	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	5/1/1983	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	3/31/1984	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	11/3/1984	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/17/1984	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	6/15/1987	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	1/16/1988	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	2/28/1990	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	2/9/1991	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	11/10/1992	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	3/16/1993	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	12/31/1994	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	1/3/1995	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	5/3/1995	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	8/15/1996	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	3/16/1999	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	9/29/1999	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	4/26/2000	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	2/22/2001	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	2/20/2005	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	12/28/2006	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	4/17/2007	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	5/5/2007	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	7/27/2007	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	12/21/2008	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	6/7/2009	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	5/22/2010	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	3/13/2012	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	6/28/2014	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	4/30/2016	88	88	0.10	12.09	3320	20.3594%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.84141049
USGS 05439000	7/2/1931	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	12/16/1931	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	4/5/1933	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	4/23/1982	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	11/11/1982	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	12/20/1982	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/15/1983	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	4/6/1984	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	4/28/1984	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	5/2/1984	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	5/3/1984	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	6/5/1984	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	4/5/1985	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	4/28/1987	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	2/5/1988	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	3/27/1990	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	6/24/1990	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	4/22/1992	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	1/20/1995	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	5/15/1996	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	6/30/1996	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	6/21/1998	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	12/10/1998	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	6/11/2000	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	3/27/2001	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	5/1/2002	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	5/5/2002	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	3/10/2004	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	1/16/2008	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	6/26/2009	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	5/26/2010	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	6/13/2010	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	3/22/2011	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	6/22/2011	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	5/31/2013	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	5/3/2015	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	11/24/2015	87	87	0.10	12.00	3355	20.5740%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.69304143
USGS 05439000	1/31/1926	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/18/1926	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	3/29/1927	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	4/3/1928	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	6/27/1928	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	7/25/1928	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	12/3/1928	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	3/28/1930	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	4/1/1930	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	4/27/1930	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	4/28/1930	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	6/9/1931	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	3/19/1980	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	10/3/1980	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	10/22/1980	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	12/11/1980	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	2/18/1981	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	3/30/1982	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	5/13/1983	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	4/7/1985	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	6/16/1986	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	5/30/1987	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	1/26/1988	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	3/6/1990	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	9/11/1992	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	9/2/1993	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	3/16/1995	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	2/19/1998	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	3/14/1998	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	3/1/2000	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	4/26/2004	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	12/19/2006	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	5/18/2008	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/7/2009	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	6/22/2010	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	2/26/2011	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	1/23/2012	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	5/7/2013	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	1/15/2016	86	86	0.10	11.90	3392	20.8009%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.54467237
USGS 05439000	6/25/1981	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	10/21/1981	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	6/4/1982	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	1/4/1983	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	6/5/1983	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	2/28/1984	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	4/4/1984	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	3/21/1985	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	3/3/1986	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	7/3/1990	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	2/20/1991	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	12/17/1991	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	12/25/1992	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	2/11/1993	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	12/27/1993	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	1/21/1995	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	5/5/1997	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	6/25/1997	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	5/23/1998	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	7/21/1999	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	4/11/2001	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	5/6/2002	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	5/2/2006	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	12/2/2006	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	7/25/2007	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	3/9/2008	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/6/2009	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	8/7/2010	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	11/8/2011	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	12/23/2011	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	3/10/2012	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	7/8/2013	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	7/16/2014	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	5/22/2015	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	11/17/2015	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	3/20/2016	85	85	0.10	11.81	3431	21.0400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.39630332
USGS 05439000	6/9/1980	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	5/7/1981	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	12/23/1982	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	5/9/1983	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	4/18/1988	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	9/16/1989	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	7/22/1990	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	11/8/1990	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	4/5/1991	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	12/4/1991	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	3/6/1992	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	1/27/1993	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	3/17/1994	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	4/22/1995	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	5/13/1997	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	3/3/1998	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	3/29/1998	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	7/2/2000	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	4/6/2001	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	6/11/2001	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	6/3/2002	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	1/1/2007	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/9/2007	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	3/26/2008	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	4/21/2008	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	11/16/2008	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	12/16/2008	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	11/9/2009	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	3/26/2010	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	3/27/2011	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	3/20/2013	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	6/21/2013	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	5/24/2015	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	7/2/2015	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	11/25/2015	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	1/7/2016	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	1/19/2016	84	84	0.10	11.71	3467	21.2608%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.24793426
USGS 05439000	1/20/1928	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	6/19/1928	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	7/3/1928	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	7/9/1928	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	3/4/1930	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	11/29/1931	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	1/4/1932	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	1/29/1932	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	5/9/1932	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	1/22/1933	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	1/24/1933	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	1/27/1933	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	4/11/1933	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	7/6/1933	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	2/25/1980	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	6/10/1984	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	7/17/1986	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/4/1987	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	6/3/1987	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	9/20/1987	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	1/15/1988	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	1/28/1988	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	2/27/1988	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	2/27/1990	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	3/1/1990	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	3/28/1990	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	2/10/1991	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	5/23/1991	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	2/20/1992	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	3/13/1992	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	3/22/1993	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	6/15/1994	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	7/17/1996	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	4/14/1997	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	5/24/1998	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	5/31/2000	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	7/14/2000	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	3/14/2001	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	2/25/2002	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	6/1/2002	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	4/5/2004	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	6/22/2004	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	4/8/2007	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	8/13/2007	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	3/27/2008	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	3/28/2008	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	5/29/2008	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	4/16/2009	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	5/7/2011	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/24/2011	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	4/16/2014	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	6/3/2015	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	1.14	mg/L	0.289	28.3	71.39620876	18.0995652
USGS 05439000	3/14/2016	83	83	0.10	11.62	3504	21.4877%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	18.0995652
USGS 05439000	3/6/1926	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	9/22/1926	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	12/7/1926	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	3/30/1927	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	4/10/1927	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	5/6/1927	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	5/15/1927	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	5/17/1929	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	5/25/1929	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	3/30/1931	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	10/24/1980	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	7/14/1982	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	11/16/1982	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	4/25/1983	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	5/20/1983	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	12/11/1985	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	4/29/1987	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	11/6/1987	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	3/29/1990	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	6/20/1990	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	12/21/1990	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	4/24/1991	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	4/23/1992	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	5/22/1995	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	11/16/1995	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	3/16/1997	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	5/7/1997	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	3/30/1998	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/22/1999	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	5/14/2000	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	3/6/2001	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	4/7/2001	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	4/17/2002	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	5/24/2003	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	3/24/2004	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	2/9/2005	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	4/17/2006	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	6/17/2008	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	3/5/2010	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	4/10/2011	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	2/2/2012	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	2/5/2012	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	6/14/2014	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	12/10/2015	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	4/12/2016	82	82	0.10	11.52	3557	21.8127%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.95119615
USGS 05439000	4/6/1980	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	10/4/1980	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	5/21/1981	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	3/11/1982	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	3/22/1985	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	3/23/1985	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	6/2/1986	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	12/11/1986	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	9/10/1987	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	9/29/1987	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	12/15/1987	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	3/7/1990	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	4/16/1990	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	5/29/1990	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	12/8/1990	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/14/1991	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	3/26/1992	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	5/14/1993	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	7/31/1993	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	6/11/1995	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	2/20/1998	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	11/14/1998	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	5/25/1999	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	8/7/2000	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	4/30/2002	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	5/9/2002	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	6/18/2002	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	6/20/2004	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	12/31/2006	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	10/2/2008	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	4/11/2009	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	1/4/2010	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	6/14/2010	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	6/23/2011	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	1/24/2012	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	4/16/2013	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	6/17/2013	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	3/25/2014	81	81	0.10	11.43	3602	22.0887%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.80282709
USGS 05439000	10/15/1927	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	11/27/1927	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	3/28/1928	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	6/22/1928	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	6/28/1928	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	6/29/1928	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	5/5/1929	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	4/29/1930	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	12/28/1979	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/23/1980	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	9/5/1980	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	4/18/1981	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	5/8/1981	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	4/24/1982	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	7/31/1982	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	2/28/1983	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	4/1/1984	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	3/30/1985	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	3/21/1986	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	6/1/1987	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	11/19/1987	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	12/18/1987	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	1/27/1988	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	2/6/1988	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	2/12/1990	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	6/19/1990	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	12/30/1990	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	12/7/1992	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	12/26/1992	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	1/12/1993	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	3/15/1993	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	8/23/1993	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	11/30/1994	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	1/23/1995	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	2/18/1999	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	2/3/2001	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	6/2/2002	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	6/1/2003	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	3/2/2004	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	6/6/2007	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	12/27/2007	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/16/2008	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	1/31/2010	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	4/14/2010	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	2/27/2011	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	3/18/2011	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	3/11/2012	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	2/19/2013	80	80	0.10	11.33	3640	22.3217%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.65445803
USGS 05439000	4/17/1926	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	6/22/1926	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	7/4/1926	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	10/15/1926	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	10/16/1926	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	12/6/1926	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	1/31/1927	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	6/9/1927	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	6/23/1927	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	12/11/1931	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	1/5/1932	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	1/9/1932	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	1/24/1932	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	2/16/1932	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	6/6/1932	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	2/3/1933	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	5/30/1933	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	7/11/1933	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	2/21/1982	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	3/18/1983	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	5/10/1983	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	6/6/1983	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	12/11/1983	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	4/8/1985	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	10/26/1985	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/22/1988	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	7/29/1989	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	6/8/1991	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	9/3/1993	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	12/19/1993	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	1/1/1995	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	3/17/1995	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	12/12/1996	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	1/12/1998	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	10/22/1998	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	7/7/2000	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	4/18/2001	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	2/6/2005	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	2/21/2005	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	12/20/2006	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	7/14/2007	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	7/22/2008	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	10/30/2008	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	3/4/2009	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	4/17/2009	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	12/7/2011	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	5/8/2013	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	6/2/2013	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	4/6/2014	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	5/21/2014	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	9/10/2014	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	7/10/2015	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	1/20/2016	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	1/21/2016	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	4/13/2016	79	79	0.10	11.24	3688	22.6161%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.50608898
USGS 05439000	1/5/1929	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	4/16/1929	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/17/1929	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	7/2/1929	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	10/23/1980	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	12/12/1980	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	5/31/1987	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	3/28/1988	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	8/11/1989	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	2/5/1990	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	5/8/1991	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	4/24/1992	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	1/11/1993	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	5/4/1995	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	12/13/1996	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	1/6/1997	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	4/15/1997	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	4/27/2000	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	6/7/2000	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	7/1/2000	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	3/12/2001	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	3/28/2001	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	4/21/2001	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	3/16/2002	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	4/21/2002	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	5/7/2002	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	4/22/2004	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	2/13/2005	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	4/18/2007	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	8/16/2007	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	3/29/2008	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	4/22/2008	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	7/19/2008	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	3/5/2009	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/27/2010	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	11/27/2011	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	12/24/2011	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	1/3/2012	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	3/14/2012	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	4/16/2012	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	5/13/2012	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	5/10/2013	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	7/7/2013	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	7/10/2014	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	3/21/2016	78	78	0.10	11.14	3743	22.9533%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.35771992
USGS 05439000	6/3/1981	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	6/30/1981	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	11/24/1982	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	12/21/1982	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	1/5/1983	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	3/8/1983	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	4/26/1983	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	4/17/1984	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	5/4/1984	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	2/8/1986	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	10/29/1986	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	11/7/1987	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	1/14/1988	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	2/13/1990	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	12/9/1990	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	4/6/1991	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	2/24/1992	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	3/14/1992	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	1/14/1993	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	7/7/1993	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	7/2/1994	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/12/2001	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	4/18/2002	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	4/6/2004	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	3/8/2005	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	5/26/2006	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	1/5/2007	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	7/17/2007	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	3/30/2008	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	9/28/2008	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	4/18/2009	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	6/27/2009	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	1/5/2010	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	4/25/2010	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	2/27/2012	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	5/1/2015	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	6/4/2015	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	7/20/2015	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	1/17/2016	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	4/28/2016	77	77	0.10	11.05	3788	23.2293%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.20935086
USGS 05439000	2/22/1926	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	2/18/1927	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	11/17/1927	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	1/9/1928	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	1/12/1928	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	2/16/1928	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	4/20/1928	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	1/2/1930	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	3/5/1930	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	4/30/1930	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	6/26/1931	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	11/30/1931	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	12/17/1931	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/30/1932	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	2/17/1932	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	4/6/1932	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	1/25/1933	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	4/12/1933	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	5/23/1933	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	5/21/1983	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	6/16/1984	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	1/2/1985	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	3/24/1985	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	10/7/1986	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	12/8/1986	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	2/7/1988	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	8/13/1989	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	1/18/1990	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	2/4/1990	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	3/5/1991	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	5/24/1991	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	6/11/1991	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	2/29/1992	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	10/22/1993	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	8/11/1994	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	2/27/1995	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	4/23/1995	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	2/10/1996	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	7/2/1996	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	8/16/1996	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	4/13/1997	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	5/14/1997	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	1/13/1998	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	3/4/1998	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	3/15/1998	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/25/1998	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	6/22/1998	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	6/25/1999	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	4/9/2001	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	4/19/2001	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	3/17/2002	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	4/19/2002	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	5/8/2002	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	1/20/2007	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	9/10/2007	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	6/2/2008	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	10/31/2008	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	4/12/2009	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	11/30/2009	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	5/23/2010	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	3/20/2011	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	3/21/2011	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	9/27/2011	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	2/4/2012	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	5/9/2013	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	5/20/2014	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	3/22/2016	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	4/14/2016	76	76	0.10	10.95	3828	23.4746%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	17.06098181
USGS 05439000	1/2/1929	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	1/23/1929	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	1/25/1929	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	2/26/1929	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	5/12/1929	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	5/15/1929	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	6/25/1929	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	5/9/1981	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	5/22/1981	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/27/1982	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	6/14/1983	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	7/16/1983	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	4/3/1984	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	12/13/1985	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	4/23/1988	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	3/30/1990	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	2/12/1991	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	4/25/1991	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	12/5/1991	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	1/28/1993	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	10/11/1993	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	12/20/1993	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	1/24/1995	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	11/20/1995	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	5/16/1996	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	7/1/1996	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	12/11/1998	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	11/11/2000	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	3/7/2001	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	12/29/2006	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	4/25/2008	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	11/10/2009	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	3/28/2010	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	4/15/2010	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	6/18/2010	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	4/11/2011	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	3/23/2013	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	5/23/2015	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	7/3/2015	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	4/15/2016	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275
USGS 05439000	4/21/2016	75	75	0.10	10.86	3896	23.8916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.91261275

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/23/1982	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	12/22/1982	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	1/6/1983	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	3/1/1983	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	5/11/1983	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	12/3/1983	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	2/29/1984	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	4/2/1984	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	4/13/1984	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	4/16/1984	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	4/18/1984	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	1/4/1985	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	2/23/1986	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	3/8/1986	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	6/3/1986	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	6/4/1986	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	9/11/1987	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	9/21/1987	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	12/16/1987	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	2/8/1988	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	4/19/1988	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	2/16/1990	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	5/30/1990	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	6/16/1990	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	8/24/1990	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	12/22/1990	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	2/11/1991	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	4/27/1991	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	3/1/1992	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	5/15/1993	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	3/11/1994	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	11/19/1994	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/21/1994	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	6/12/1995	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	7/5/1995	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	5/21/1997	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	5/27/1997	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	3/23/1999	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	3/11/2004	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	3/13/2006	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	4/18/2006	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	5/3/2006	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	5/18/2006	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	4/9/2007	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	8/6/2007	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	10/10/2008	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	7/1/2010	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	3/28/2011	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	6/24/2011	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	12/25/2011	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	4/14/2015	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	6/7/2015	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	12/11/2015	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	1/16/2016	74	74	0.10	10.76	3937	24.1430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.76424369
USGS 05439000	10/8/1930	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	8/9/1980	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	6/26/1981	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	3/27/1982	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	4/25/1982	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	6/5/1982	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	3/7/1983	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	4/30/1983	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	4/7/1984	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	9/30/1987	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/25/1987	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	11/26/1987	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	4/20/1988	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	11/9/1990	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	3/6/1991	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	4/7/1991	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	11/7/1992	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	12/29/1992	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	12/2/1993	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	12/1/1994	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	1/2/1995	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	2/21/1998	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	3/16/1998	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	2/19/1999	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	5/26/1999	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	3/8/2001	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	4/20/2001	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	6/19/2002	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	5/25/2003	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	4/27/2004	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	3/7/2005	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	5/28/2006	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	6/12/2006	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	1/4/2007	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	5/27/2007	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	9/11/2007	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	5/19/2008	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	11/17/2008	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	11/15/2011	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	2/6/2012	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	3/15/2012	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	3/21/2013	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/17/2014	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	10/16/2014	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	3/19/2015	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	1/22/2016	73	73	0.10	10.67	3991	24.4742%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.61587464
USGS 05439000	1/5/1926	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	2/23/1926	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	3/7/1926	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	10/17/1926	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	12/8/1926	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	12/12/1926	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	2/19/1927	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	4/13/1927	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	4/15/1927	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	5/7/1927	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	5/16/1927	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	5/19/1927	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	12/3/1927	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	1/8/1928	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	12/13/1928	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	1/8/1929	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	5/6/1929	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	5/23/1929	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	7/13/1929	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	1/25/1932	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	1/26/1932	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	3/9/1932	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	4/7/1932	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	12/28/1932	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	1/26/1933	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	4/18/1933	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	4/24/1980	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	8/26/1980	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/5/1980	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	4/19/1981	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	10/22/1981	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	11/25/1982	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	3/9/1983	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	6/16/1983	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	11/26/1983	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	12/16/1983	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	6/18/1984	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	12/18/1984	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	4/9/1985	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	6/5/1986	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	11/23/1986	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	11/8/1987	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	1/13/1988	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	2/9/1988	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	7/12/1989	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	9/17/1989	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	6/25/1990	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	5/9/1991	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	4/25/1992	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	9/9/1992	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	12/8/1992	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	8/1/1993	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	9/21/1993	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	10/23/1993	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	3/18/1995	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	3/28/1995	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	3/29/1995	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	3/30/1995	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	11/17/1995	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	5/6/1997	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/26/1998	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	3/29/2001	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	4/8/2001	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	2/26/2002	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	4/22/2002	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	2/28/2005	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	1/6/2007	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	6/19/2007	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	6/28/2009	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	1/6/2010	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	5/8/2011	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	5/12/2011	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	2/3/2012	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	2/10/2013	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	7/9/2013	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	7/17/2014	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	5/2/2015	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	6/8/2015	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	2/5/2016	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	4/16/2016	72	72	0.10	10.57	4037	24.7562%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.46750558
USGS 05439000	5/26/1929	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	10/25/1980	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	5/10/1981	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	8/14/1981	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	6/7/1983	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	4/10/1985	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	10/19/1985	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	4/17/1987	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	11/20/1987	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	11/27/1987	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	2/19/1988	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	2/22/1990	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/4/1990	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	4/26/1991	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	6/9/1991	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	11/20/1994	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	4/24/1995	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	7/4/1995	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	12/16/1996	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	2/23/2001	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	3/18/2002	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	5/16/2006	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	5/17/2006	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	12/30/2006	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	11/11/2009	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	12/1/2009	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	4/16/2010	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	5/25/2010	71	71	0.10	10.48	4117	25.2468%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.31913652
USGS 05439000	3/6/1930	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	6/15/1982	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	4/27/1983	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	4/28/1983	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	5/12/1983	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	6/11/1984	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	3/27/1985	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	1/18/1986	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	1/22/1986	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	3/22/1986	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	6/17/1986	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	11/25/1986	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	10/1/1987	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	12/17/1987	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	2/10/1988	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	3/6/1989	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/31/1990	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	4/1/1990	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	4/17/1990	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	5/31/1990	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	8/19/1990	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	2/21/1991	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	12/7/1991	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	1/18/1992	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	11/9/1992	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	12/27/1992	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	1/15/1993	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	10/5/1993	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	10/9/1993	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	3/25/1994	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	1/7/1995	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	1/25/1995	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	2/19/1995	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	5/5/1995	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	3/25/1997	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	3/29/1997	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	4/16/1997	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	5/2/1997	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	7/10/1998	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	5/31/1999	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	3/11/2001	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	4/20/2002	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	4/24/2002	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	2/5/2005	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	5/6/2007	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	6/18/2008	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	10/3/2008	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	2/20/2009	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/22/2012	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	7/11/2014	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	7/11/2015	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	4/27/2016	70	70	0.10	10.38	4145	25.4185%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.17076747
USGS 05439000	4/6/1926	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	4/18/1926	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	8/22/1926	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	12/9/1926	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	12/10/1926	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	12/11/1926	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	2/20/1927	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	3/31/1927	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	4/11/1927	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	5/8/1927	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	5/18/1927	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	3/29/1928	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	4/4/1928	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	4/21/1928	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	5/14/1929	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	5/18/1929	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	6/28/1929	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	4/2/1980	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	6/10/1980	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	3/2/1981	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	12/4/1983	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	4/12/1984	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	12/19/1984	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	12/22/1984	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	6/11/1986	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	7/18/1986	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	2/28/1988	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	2/29/1988	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/13/1989	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	6/21/1990	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	8/5/1990	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	4/8/1991	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	10/24/1993	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	12/15/1996	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	6/26/1997	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	2/22/1998	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	2/26/1998	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	5/27/1998	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	6/23/1998	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	3/24/1999	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	5/27/1999	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	5/28/1999	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	4/10/2001	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	3/4/2004	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	4/7/2004	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	6/28/2006	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	1/2/2007	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	1/3/2007	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	5/7/2007	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	6/7/2007	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	7/28/2007	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	1/8/2009	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	7/12/2010	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	7/27/2010	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	12/27/2011	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	5/14/2012	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	6/18/2013	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	7/10/2013	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	10/15/2014	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	6/5/2015	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/4/2015	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	3/10/2016	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	4/17/2016	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	4/29/2016	69	69	0.10	10.28	4197	25.7374%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	16.02239841
USGS 05439000	12/5/1928	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	12/18/1931	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	12/19/1931	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	1/10/1932	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	1/28/1932	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	5/7/1932	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	2/26/1933	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	3/26/1933	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	4/17/1933	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	5/31/1933	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	10/6/1980	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	2/26/1981	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	5/23/1981	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	7/15/1982	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	11/17/1982	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	1/7/1983	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	4/14/1984	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	4/15/1984	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	6/16/1987	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	2/24/1988	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	2/26/1988	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	4/20/1990	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	4/21/1990	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	6/1/1990	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	12/18/1991	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	2/21/1992	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	2/3/1993	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	2/8/1993	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/18/1993	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	3/19/1995	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	6/13/1995	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	3/17/1997	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	3/26/1997	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	3/27/1997	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	3/28/1997	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	4/17/1997	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	5/18/1997	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	6/12/1997	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	1/14/1998	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	12/12/1998	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	6/26/1999	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	3/2/2000	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	5/15/2000	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	6/8/2000	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	7/8/2000	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	11/9/2000	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	6/13/2001	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	4/28/2004	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	6/23/2004	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	12/4/2006	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	4/19/2007	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	5/28/2007	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	4/23/2008	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	1/7/2010	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	4/4/2010	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	5/27/2010	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	4/16/2011	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	4/7/2014	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	12/12/2015	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	3/23/2016	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/18/2016	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	4/19/2016	68	68	0.10	10.19	4261	26.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.87402935
USGS 05439000	3/7/1930	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	4/2/1930	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	5/1/1930	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	12/29/1979	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	9/6/1980	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	10/7/1980	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	11/3/1982	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	3/2/1983	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	6/12/1984	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	12/21/1984	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	7/1/1985	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	2/11/1988	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	2/18/1988	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	4/21/1988	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	4/22/1988	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	6/2/1990	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	6/26/1990	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	4/29/1991	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	5/10/1991	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	6/10/1991	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	1/20/1993	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	12/21/1993	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	3/2/1994	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	12/2/1994	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	3/20/1995	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	3/31/1995	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	6/16/1995	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	8/15/1995	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	5/15/1997	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	2/24/1998	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/5/1998	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	7/6/1998	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	11/15/1998	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	4/28/2000	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	4/22/2001	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	3/1/2004	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	3/9/2005	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	12/5/2006	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	1/8/2007	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	4/10/2007	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	4/24/2008	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	4/26/2008	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	11/13/2008	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	1/9/2009	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	6/29/2009	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	11/12/2009	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	2/1/2010	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	3/19/2011	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	5/9/2011	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	7/24/2011	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	12/26/2011	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	2/28/2012	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	3/16/2012	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	5/11/2013	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	4/15/2015	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	4/20/2015	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	4/20/2016	67	67	0.10	10.09	4323	26.5101%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.7256603
USGS 05439000	4/19/1926	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	4/20/1926	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	9/19/1926	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	2/12/1927	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	4/12/1927	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/14/1927	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	5/20/1927	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	6/10/1927	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	12/4/1927	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	12/7/1927	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	12/8/1927	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	1/13/1928	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	1/22/1928	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	3/31/1928	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	8/6/1928	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	5/13/1929	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	6/26/1929	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	8/3/1929	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	4/26/1982	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	11/20/1982	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	4/29/1983	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	6/8/1983	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	6/10/1983	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	11/4/1984	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	12/14/1985	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	9/12/1987	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	9/22/1987	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	2/25/1988	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	11/16/1988	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	4/2/1990	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	4/22/1990	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	12/23/1990	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	12/6/1991	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	3/15/1992	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	4/11/1992	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	4/26/1992	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	5/16/1993	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/17/1993	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	6/15/1995	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	11/18/1995	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	11/19/1995	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	5/17/1996	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	8/18/1996	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	4/19/1997	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	5/22/1997	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	2/23/1998	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	5/29/1998	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	12/6/1998	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	3/3/1999	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	7/22/1999	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	7/15/2000	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	3/30/2001	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	3/31/2001	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	4/5/2001	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	4/23/2001	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	4/27/2002	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	6/20/2002	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	5/30/2003	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	1/17/2005	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	2/22/2005	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	12/3/2006	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	7/26/2007	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	5/9/2010	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	5/24/2010	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	3/29/2011	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	5/10/2011	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	11/28/2011	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	12/8/2011	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	2/13/2013	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/15/2014	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	7/21/2015	66	66	0.10	10.00	4380	26.8596%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.57729124
USGS 05439000	12/26/1928	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	12/20/1931	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	1/27/1932	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	5/10/1932	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	4/13/1933	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	4/19/1933	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	5/24/1933	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	3/20/1980	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	4/25/1980	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	10/16/1980	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	6/4/1981	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	6/27/1981	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	8/1/1982	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	7/17/1983	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	4/8/1984	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	5/5/1984	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	6/17/1984	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	3/26/1985	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	4/11/1985	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	3/23/1986	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	10/8/1986	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	4/14/1987	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	4/30/1987	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	10/2/1987	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	1/12/1988	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	2/12/1988	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	9/4/1989	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	9/18/1989	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	12/31/1990	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	2/23/1992	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/2/1992	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	3/29/1992	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	4/15/1992	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	12/10/1992	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	1/16/1993	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	3/1/1994	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	8/14/1994	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	1/26/1995	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	11/21/1995	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	12/14/1996	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	5/23/1997	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	5/28/1997	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	2/8/1998	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	5/28/1998	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	6/24/1998	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	10/23/1998	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	2/20/1999	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	2/28/1999	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	3/19/2002	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	4/23/2002	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	5/29/2003	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	4/8/2004	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	3/10/2005	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	1/7/2007	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	2/22/2008	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	10/11/2008	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	12/2/2009	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	3/29/2010	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	4/12/2011	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	6/25/2011	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	8/23/2011	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	12/30/2011	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/1/2012	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	1/31/2013	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	3/22/2013	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	3/26/2015	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	4/22/2016	65	65	0.10	9.90	4451	27.2950%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.42892218
USGS 05439000	5/2/1930	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	9/26/1930	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	3/31/1931	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	2/22/1980	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	10/8/1980	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	12/13/1980	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	5/24/1981	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	10/23/1981	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	3/3/1983	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	3/1/1984	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	3/16/1984	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	4/19/1984	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	1/3/1985	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	3/25/1985	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	12/16/1985	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	1/3/1988	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	2/16/1988	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	2/17/1988	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	2/20/1988	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	3/1/1988	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	8/12/1989	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	4/23/1990	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	2/13/1991	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	4/28/1991	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	1/19/1992	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	3/24/1992	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	8/26/1993	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/3/1994	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	11/3/1994	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	3/6/1998	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	3/10/1999	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	5/29/1999	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	2/27/2002	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	3/20/2002	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	3/1/2005	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	5/19/2006	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	9/12/2007	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	1/17/2008	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	5/20/2008	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	11/1/2008	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	11/13/2009	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	1/8/2010	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	4/17/2010	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	5/11/2011	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	12/31/2011	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	1/4/2012	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	2/7/2012	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	3/31/2013	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	6/3/2013	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	3/28/2014	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	6/9/2015	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	7/12/2015	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	3/13/2016	64	64	0.10	9.81	4518	27.7059%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.28055313
USGS 05439000	10/18/1926	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	2/13/1927	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	5/17/1927	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	5/21/1927	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	5/22/1927	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	4/18/1929	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/7/1929	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	6/30/1929	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	7/3/1929	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	4/20/1981	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	11/28/1984	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	10/30/1986	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	11/26/1986	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	5/2/1987	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	11/23/1987	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	2/13/1988	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	2/14/1988	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	2/15/1988	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	3/2/1988	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	3/14/1989	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	2/24/1990	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	4/4/1990	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	5/11/1991	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	6/15/1991	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	1/10/1992	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	3/16/1992	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	3/17/1992	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	3/27/1992	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	11/8/1992	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	7/8/1993	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	12/28/1993	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	3/28/1994	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	3/27/1995	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	4/25/1995	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	5/6/1995	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	6/14/1995	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	6/17/1995	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	11/3/1995	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/17/1996	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	5/1/1997	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	2/9/1998	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	11/16/1998	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	3/2/1999	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	6/27/1999	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	3/3/2000	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	5/16/2000	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	4/1/2001	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	6/15/2001	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	5/10/2002	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	5/26/2003	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	2/25/2004	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	4/23/2004	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	6/24/2004	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	2/10/2005	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	4/30/2006	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	5/13/2006	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	5/15/2006	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	1/26/2007	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	5/8/2007	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	4/28/2008	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	11/19/2008	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	8/30/2009	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	2/2/2010	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	8/20/2011	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	12/3/2011	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	1/25/2012	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	1/31/2012	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	3/17/2012	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	5/15/2012	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	3/29/2014	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/17/2014	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	7/18/2014	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	4/16/2015	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	6/6/2015	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	6/11/2015	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	2/7/2016	63	63	0.10	9.71	4571	28.0309%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	15.13218407
USGS 05439000	10/16/1927	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	1/15/1928	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	4/22/1928	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	6/30/1928	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	7/10/1928	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	7/26/1928	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	12/6/1928	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	12/27/1928	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	1/9/1929	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	1/26/1929	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	1/3/1930	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	3/8/1930	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	4/3/1930	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	10/9/1930	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	12/1/1931	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	12/21/1931	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	12/22/1931	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	1/31/1932	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	1/28/1933	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	4/14/1933	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	11/27/1979	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	12/30/1979	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	10/26/1980	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	2/27/1981	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	6/29/1981	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	10/2/1981	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/6/1982	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	3/4/1983	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	3/10/1983	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	6/9/1983	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	4/9/1984	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	6/6/1986	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	9/23/1987	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	11/22/1987	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	3/15/1989	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	5/26/1989	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	6/7/1989	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	2/18/1990	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	7/23/1990	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	11/10/1990	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	12/24/1990	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	3/16/1991	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	4/30/1991	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	12/19/1991	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	4/27/1992	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	12/9/1992	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	5/18/1993	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	8/2/1993	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	12/3/1993	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	3/3/1994	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	3/4/1994	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	3/29/1994	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	3/21/1995	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	4/1/1995	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	8/17/1996	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	3/18/1997	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	12/13/1998	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	5/30/1999	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/9/2000	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	6/14/2001	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	10/27/2001	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	4/25/2002	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	5/4/2006	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	1/17/2007	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	12/28/2007	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	11/6/2008	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	8/8/2010	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	3/30/2011	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	4/4/2011	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	6/26/2011	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	6/27/2011	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	4/8/2014	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	4/18/2014	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	8/6/2014	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	3/20/2015	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	3/27/2015	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	6/10/2015	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	7/5/2015	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	1/23/2016	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	2/6/2016	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	4/24/2016	62	62	0.10	9.62	4647	28.4970%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.98381501
USGS 05439000	4/26/1980	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	6/28/1981	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	11/26/1982	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	3/6/1983	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	6/4/1987	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	11/9/1987	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	11/21/1987	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	3/26/1988	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	8/14/1989	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/3/1990	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	7/5/1990	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	3/3/1992	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	3/30/1992	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	4/29/1992	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	12/11/1992	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	12/28/1992	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	3/18/1993	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	5/23/1993	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	12/22/1993	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	12/25/1993	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	12/3/1994	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	1/22/1995	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	5/29/1997	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	2/25/1998	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	3/4/1999	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	4/7/2002	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	7/10/2003	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	4/24/2004	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	2/24/2005	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	11/2/2008	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	11/12/2008	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	11/18/2008	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	1/9/2010	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	3/30/2010	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	7/2/2010	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	11/16/2011	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	5/31/2012	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	4/10/2013	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	3/21/2015	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	4/17/2015	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	2/8/2016	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/11/2016	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	4/25/2016	61	61	0.10	9.52	4728	28.9937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.83544596
USGS 05439000	3/19/1926	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	4/21/1926	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	4/25/1926	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	6/23/1926	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	6/11/1927	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	6/24/1927	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	12/28/1928	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	5/11/1929	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	5/19/1929	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	5/27/1929	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	6/27/1929	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	10/9/1980	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	3/2/1982	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	3/28/1982	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	6/16/1982	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	11/21/1982	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	12/5/1983	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	12/17/1983	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	5/6/1984	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	12/23/1984	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	12/17/1985	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	2/19/1986	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	6/7/1986	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	12/12/1986	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	4/18/1987	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	5/1/1987	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	9/24/1987	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	1/11/1988	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	3/25/1988	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	6/27/1990	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/13/1990	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	1/9/1992	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	2/22/1992	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	7/16/1992	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	1/29/1993	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	2/12/1993	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	10/12/1993	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	12/29/1993	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	3/26/1994	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	12/23/1994	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	1/8/1995	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	6/18/1995	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	5/18/1996	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	8/19/1996	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	4/18/1997	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	4/20/1997	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	5/24/1997	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	1/15/1998	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	3/7/1998	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	5/30/1998	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	5/31/1998	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	2/27/1999	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	3/1/1999	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	3/5/1999	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	3/25/1999	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	4/9/1999	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	4/4/2001	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	3/29/2002	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	6/2/2003	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	12/13/2003	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	2/23/2005	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	4/19/2006	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/8/2006	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	1/18/2008	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	2/13/2008	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	6/19/2008	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	3/31/2010	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	4/18/2010	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	1/5/2011	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	3/31/2011	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	9/26/2011	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	12/9/2011	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	12/28/2011	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	12/29/2011	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	1/21/2012	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	3/18/2012	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	3/19/2012	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	5/16/2012	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	1/29/2013	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	2/14/2013	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	5/12/2013	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	6/19/2013	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	4/26/2016	60	60	0.10	9.43	4771	29.2574%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.6870769
USGS 05439000	10/4/1927	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	11/18/1927	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	12/5/1927	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	12/30/1927	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	5/20/1928	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	12/7/1928	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	3/9/1930	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	3/10/1930	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	6/26/1930	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	8/27/1980	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	7/1/1981	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/17/1981	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	8/29/1981	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	1/10/1983	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	4/12/1985	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	10/27/1985	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	7/19/1986	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	3/1/1987	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	6/17/1987	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	9/13/1987	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	4/24/1988	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	9/19/1989	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	4/3/1990	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	4/18/1990	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	4/24/1990	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	8/28/1990	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	2/23/1991	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	4/28/1992	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	6/5/1993	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	5/7/1995	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	3/30/1997	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	4/21/1997	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	5/16/1997	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	2/10/1998	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	7/3/1998	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	2/21/1999	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	3/4/2000	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	4/29/2000	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	6/9/2000	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	3/9/2001	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	4/2/2001	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	3/21/2002	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	6/21/2002	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/11/2005	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	5/20/2005	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	3/14/2006	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	5/14/2006	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	5/27/2006	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	6/13/2006	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	1/15/2007	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	5/10/2007	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	1/4/2008	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	1/5/2008	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	6/30/2009	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	11/14/2009	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	6/15/2010	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	12/31/2010	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	4/13/2011	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	7/28/2011	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	1/2/2012	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	1/26/2012	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	1/28/2013	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	3/30/2013	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	5/14/2013	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	7/11/2013	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	3/26/2014	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	4/23/2016	59	59	0.10	9.33	4854	29.7664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.53870784
USGS 05439000	12/29/1928	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	6/10/1931	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	12/5/1931	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	12/23/1931	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	4/8/1932	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	6/8/1932	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	1/21/1933	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	1/29/1933	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/25/1933	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	4/15/1933	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	4/16/1933	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	4/20/1933	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	6/1/1933	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	7/7/1933	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	12/31/1979	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	4/1/1980	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	4/27/1980	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	2/19/1981	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	6/5/1981	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	10/6/1981	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	2/28/1982	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	3/1/1982	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	1/8/1983	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	5/7/1984	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	1/5/1985	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	4/13/1985	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	10/20/1985	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	12/15/1985	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	3/25/1986	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	10/31/1986	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	9/28/1987	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	11/16/1987	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	2/14/1990	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	2/14/1991	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	3/28/1992	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	9/22/1993	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	11/4/1994	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	12/12/1994	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	2/22/1995	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	7/3/1996	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/6/1997	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	6/25/1998	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	6/28/1999	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	3/10/2001	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	3/5/2002	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	5/27/2003	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	3/3/2004	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	3/12/2004	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	4/29/2004	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	5/12/2006	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	1/9/2007	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	4/20/2007	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	5/9/2007	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	5/31/2007	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	7/15/2007	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	12/29/2007	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	11/3/2008	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	11/7/2008	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	1/10/2009	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	12/3/2009	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	1/10/2010	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	5/28/2010	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	4/1/2011	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	4/1/2013	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	6/6/2013	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	7/22/2015	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	0.793	mg/L	0.289	28.3	39.48629293	14.39033879
USGS 05439000	2/20/2016	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	3/12/2016	58	58	0.10	9.24	4921	30.1772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.39033879
USGS 05439000	10/20/1926	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	5/8/1929	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	6/29/1929	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	7/14/1929	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/27/1980	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	12/14/1980	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	4/21/1981	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	5/25/1981	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	6/7/1982	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	7/16/1982	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	11/18/1982	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	1/9/1983	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	3/5/1983	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	6/17/1983	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	7/18/1983	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	4/20/1984	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	6/19/1984	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	12/12/1985	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	4/25/1988	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	4/26/1988	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	4/27/1988	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	4/5/1990	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	4/10/1990	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	4/19/1990	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	1/11/1992	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	3/19/1993	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	5/19/1993	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	5/20/1993	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	7/9/1993	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	12/6/1993	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	1/27/1995	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	6/19/1995	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	8/23/1996	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	4/12/1997	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	5/17/1997	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	3/26/1999	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/3/2001	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	4/24/2001	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	2/28/2002	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	2/26/2004	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	2/25/2005	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	5/26/2007	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	6/1/2007	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	5/21/2008	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	7/17/2008	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	10/15/2008	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	12/9/2009	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	3/4/2010	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	4/19/2010	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	5/10/2010	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	4/15/2011	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	11/29/2011	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	2/8/2012	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	3/20/2012	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	5/13/2013	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	6/4/2013	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	10/17/2014	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	3/9/2016	57	57	0.10	9.14	4989	30.5942%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.24196973
USGS 05439000	10/6/1927	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	10/17/1927	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	12/16/1927	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	1/14/1928	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	3/8/1928	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	3/26/1928	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	3/30/1928	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	4/23/1928	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	11/8/1928	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	12/8/1928	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/1/1929	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	3/11/1930	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	5/3/1930	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	4/28/1980	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	4/29/1980	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	6/11/1980	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	10/10/1980	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	3/29/1982	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	4/27/1982	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	8/2/1982	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	11/22/1982	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	12/6/1983	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	12/20/1984	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	4/14/1985	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	3/26/1986	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	12/14/1986	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	9/25/1987	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	11/24/1987	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	5/12/1991	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	12/20/1991	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	1/12/1992	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	1/20/1992	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	3/4/1992	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	1/19/1993	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	1/30/1993	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	5/24/1993	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	10/16/1993	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	12/4/1993	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	12/31/1993	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	11/22/1994	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	1/28/1995	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	3/22/1995	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/2/1995	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	2/11/1996	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	4/5/1997	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	2/22/1999	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	3/7/1999	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	5/9/2000	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	11/12/2000	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	2/4/2001	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	6/22/2002	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	5/28/2003	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	7/9/2003	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	6/25/2004	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	3/2/2005	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	5/20/2006	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	4/21/2007	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	5/29/2007	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	4/27/2008	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	10/12/2008	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	11/20/2008	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	1/11/2010	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	4/1/2010	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	4/3/2010	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	3/10/2014	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	3/27/2014	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	6/16/2014	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	1/24/2016	56	56	0.10	9.05	5047	30.9499%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	14.09360067
USGS 05439000	12/30/1928	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	4/1/1931	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	5/11/1932	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	1/30/1933	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	3/20/1933	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	5/25/1933	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/5/1933	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	7/12/1933	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	10/28/1980	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	5/27/1981	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	10/24/1981	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	12/2/1981	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	8/5/1982	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	11/19/1982	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	3/11/1983	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	6/11/1983	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	11/27/1984	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	9/26/1987	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	10/5/1987	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	11/10/1987	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	2/17/1990	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	4/25/1990	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	6/28/1990	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	3/5/1992	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	10/6/1993	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	10/13/1993	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	2/17/1994	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	3/30/1994	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	7/4/1994	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	12/4/1994	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	12/5/1994	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	12/7/1994	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	12/18/1994	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	12/19/1994	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	12/20/1994	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	1/9/1995	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	1/29/1995	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	6/20/1995	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/6/1995	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	11/22/1995	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	3/19/1997	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	5/30/1997	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	2/4/1998	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	12/14/1998	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	2/23/1999	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	3/27/1999	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	5/17/2000	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	7/16/2000	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	2/19/2002	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	4/30/2004	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	3/4/2005	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	5/29/2006	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	9/13/2007	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	10/4/2008	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	10/7/2008	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	4/20/2010	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	4/14/2011	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	6/28/2011	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	12/10/2011	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	2/20/2013	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	7/19/2014	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	4/18/2015	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	4/19/2015	55	55	0.10	8.95	5115	31.3669%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.94523162
USGS 05439000	2/1/1926	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	3/8/1926	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	4/23/1926	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	4/24/1926	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	4/28/1926	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	7/5/1926	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	9/20/1926	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/19/1926	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	10/21/1926	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	12/15/1926	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	6/12/1927	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	3/15/1928	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	5/9/1929	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	5/28/1929	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	11/11/1929	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	5/4/1930	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	11/20/1931	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	12/6/1931	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	12/24/1931	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	1/11/1932	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	1/12/1932	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	3/10/1932	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	3/3/1981	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	1/11/1983	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	3/2/1984	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	4/10/1984	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	12/27/1984	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	4/15/1985	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	3/24/1986	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	6/8/1986	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	6/12/1986	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	6/5/1987	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	9/14/1987	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	9/16/1987	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	1/10/1988	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	7/23/1989	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	8/15/1989	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	9/5/1989	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	4/28/1990	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/4/1990	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	6/5/1990	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	6/8/1990	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	8/25/1990	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	12/25/1990	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	1/1/1991	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	2/15/1991	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	3/7/1991	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	5/1/1991	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	1/13/1992	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	3/18/1992	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	5/1/1992	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	12/12/1992	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	1/17/1993	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	5/21/1993	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	5/22/1993	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	10/25/1993	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	12/24/1993	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	1/30/1995	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	2/28/1995	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	6/28/1995	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	3/31/1997	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	2/5/1998	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	6/28/1998	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	7/11/1998	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	10/24/1998	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	3/15/1999	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	3/28/1999	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	8/8/2000	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	4/25/2001	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	6/22/2001	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	3/22/2002	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/26/2002	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	1/18/2005	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	4/4/2006	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	5/5/2006	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	6/29/2006	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	1/19/2007	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	8/17/2007	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	1/19/2008	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	7/23/2008	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	11/8/2008	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	1/11/2009	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	7/1/2009	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	12/16/2009	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	6/16/2010	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	7/3/2010	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	1/5/2012	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	1/17/2012	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	1/18/2012	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	2/9/2012	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	2/10/2012	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	3/27/2013	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	6/5/2013	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	6/20/2013	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	3/30/2014	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	4/1/2014	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	4/19/2014	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	5/18/2014	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	4/2/2015	54	54	0.10	8.86	5178	31.7532%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.79686256
USGS 05439000	12/9/1927	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	7/27/1928	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	8/7/1928	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	11/9/1928	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/31/1928	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	1/10/1929	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	3/21/1980	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	6/15/1980	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	10/11/1980	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	12/15/1980	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	7/17/1982	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	8/6/1982	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	4/21/1984	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	5/8/1984	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	7/3/1985	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	6/18/1986	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	11/1/1986	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	8/1/1987	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	9/27/1987	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	10/3/1987	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	10/4/1987	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	11/12/1987	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	3/27/1988	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	12/21/1991	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	3/19/1992	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	4/30/1992	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	8/15/1993	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	12/5/1993	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	12/23/1993	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	6/23/1994	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	11/23/1994	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	11/24/1994	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	1/31/1995	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	3/23/1995	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	4/3/1995	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	5/19/1996	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/20/1997	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	3/21/1997	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	6/2/1998	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	3/11/1999	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	5/18/2000	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	6/10/2000	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	4/26/2001	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	6/16/2001	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	3/30/2002	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	6/23/2002	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	2/11/2005	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	3/3/2005	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	3/12/2005	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	6/14/2006	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	4/22/2007	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	6/8/2007	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	4/29/2008	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	10/5/2008	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	11/4/2008	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	2/21/2009	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	2/3/2010	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	4/2/2010	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	4/21/2010	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	5/29/2010	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	4/17/2011	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	1/6/2012	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	2/24/2012	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	5/17/2012	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	6/1/2012	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	3/29/2013	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	5/15/2013	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	3/31/2014	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/9/2014	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	8/5/2014	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	4/21/2015	53	53	0.10	8.76	5277	32.3603%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.6484935
USGS 05439000	1/4/1930	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	3/12/1930	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	4/4/1930	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	5/5/1930	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	5/6/1930	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	5/7/1930	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	3/21/1931	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	4/9/1932	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	12/29/1932	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	1/31/1933	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	4/21/1933	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	6/2/1933	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	6/29/1933	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	6/14/1980	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	3/4/1981	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	6/6/1981	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	10/25/1981	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	12/3/1981	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	11/27/1982	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	1/13/1983	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	7/19/1983	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	12/18/1983	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	4/11/1984	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	7/2/1985	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	2/9/1986	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	3/28/1986	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	10/9/1986	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	9/15/1987	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	11/1/1987	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/11/1987	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	2/21/1988	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	6/8/1989	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	9/20/1989	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	4/26/1990	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	6/6/1990	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	7/6/1990	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	11/11/1990	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	12/28/1990	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	2/18/1991	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	5/13/1991	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	5/14/1991	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	6/16/1991	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	3/22/1992	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	2/9/1993	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	7/10/1993	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	9/23/1993	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	12/30/1993	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	3/31/1994	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	12/21/1994	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	12/22/1994	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	6/21/1995	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	7/4/1996	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	8/20/1996	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	3/22/1997	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	2/7/1998	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	6/1/1998	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	10/28/1998	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	12/15/1998	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	3/5/2000	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	5/1/2000	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	6/21/2001	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/4/2002	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	6/3/2003	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	3/5/2005	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	5/24/2006	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	1/11/2007	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	5/11/2007	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	7/29/2007	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	12/12/2007	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	5/2/2008	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	6/20/2008	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	10/13/2008	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	10/14/2008	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	12/4/2009	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	4/24/2010	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	4/26/2010	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	7/28/2010	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	4/2/2011	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	11/17/2011	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	12/11/2011	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	4/17/2012	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	3/25/2013	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	7/12/2013	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	5/22/2014	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	3/22/2015	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	3/25/2015	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	7/23/2015	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	8/29/2015	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	2/1/2016	52	52	0.10	8.67	5348	32.7957%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.50012445
USGS 05439000	3/20/1926	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	10/22/1926	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	5/10/1929	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	5/20/1929	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/4/1929	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	7/26/1929	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	7/4/1931	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	12/2/1931	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	12/4/1931	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	2/18/1932	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	2/19/1932	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	6/12/1980	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	10/29/1980	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	5/26/1981	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	7/2/1981	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	6/12/1983	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	5/9/1984	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	3/29/1986	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	6/10/1986	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	6/30/1986	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	12/7/1986	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	12/15/1986	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	4/19/1987	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	5/3/1987	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	10/6/1987	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	11/13/1987	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	2/19/1990	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	4/27/1990	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	11/19/1991	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	3/31/1992	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	1/18/1993	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	3/2/1993	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	12/9/1994	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	12/10/1994	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	12/17/1994	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	6/29/1995	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/24/1997	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	4/7/1997	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	1/16/1998	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	6/26/1998	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	10/29/1998	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	11/17/1998	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	2/24/1999	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	6/29/1999	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	4/30/2000	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	5/19/2000	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	8/1/2000	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	2/8/2001	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	3/23/2002	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	4/2/2002	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	4/30/2003	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	5/1/2004	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	5/10/2004	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	12/8/2004	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	2/12/2005	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	2/26/2005	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	2/27/2005	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	3/6/2005	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	1/16/2007	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	4/23/2007	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	2/22/2009	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	11/15/2009	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	1/12/2010	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	8/9/2010	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	4/3/2011	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	3/21/2012	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	4/10/2014	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539
USGS 05439000	2/21/2016	51	51	0.10	8.57	5437	33.3415%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.35175539

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/3/1927	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	10/18/1927	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	11/19/1927	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	12/6/1927	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	12/14/1927	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	12/15/1927	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	2/7/1928	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	2/8/1928	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	2/9/1928	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	2/22/1928	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	3/10/1928	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	4/24/1928	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	6/21/1928	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	1/27/1929	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	2/24/1980	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	4/30/1980	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	6/13/1980	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	12/16/1980	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	3/5/1981	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	10/7/1981	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	10/17/1981	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	4/28/1982	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	6/8/1982	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	11/4/1982	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	11/5/1982	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	3/12/1983	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	3/13/1983	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	12/21/1983	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	1/6/1985	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	2/21/1985	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	3/27/1986	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	11/27/1986	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/13/1986	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	1/4/1988	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	1/9/1988	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	3/3/1988	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	1/29/1989	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	6/7/1990	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	12/26/1990	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	2/17/1991	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	5/2/1991	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	12/22/1991	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	1/21/1992	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	5/2/1992	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	12/13/1992	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	3/20/1993	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	8/3/1993	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	9/4/1993	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	10/7/1993	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	10/14/1993	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	11/25/1994	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	12/6/1994	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	1/10/1995	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	1/11/1995	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	2/1/1995	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	2/6/1995	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	11/23/1995	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	1/4/1997	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	1/7/1997	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	3/23/1997	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	4/1/1997	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	5/31/1997	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	12/16/1998	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	2/25/1999	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/8/1999	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	4/27/2001	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	11/25/2001	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	3/1/2002	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	3/14/2004	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	6/26/2004	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	1/12/2007	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	1/18/2007	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	9/14/2007	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	1/20/2008	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	10/16/2008	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	11/5/2008	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	1/19/2009	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	2/6/2009	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	3/3/2010	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	1/19/2012	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	1/20/2012	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	2/11/2012	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	2/12/2012	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	3/22/2012	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	3/23/2012	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	3/24/2012	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	5/18/2012	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	1/11/2013	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	6/7/2013	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	8/30/2013	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	6/17/2014	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	7/20/2014	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	9/11/2014	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	3/23/2015	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	2/9/2016	50	50	0.10	8.48	5505	33.7585%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.20338633
USGS 05439000	11/2/1929	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/12/1929	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	1/1/1930	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	1/5/1930	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	3/13/1930	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	3/20/1930	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	4/5/1930	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	7/11/1930	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	4/10/1932	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	2/4/1933	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	2/27/1933	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	3/19/1933	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	3/24/1933	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	7/8/1933	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	10/30/1980	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	7/20/1983	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	3/3/1984	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	10/28/1984	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	11/5/1984	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	4/16/1985	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	7/5/1985	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	6/6/1987	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	6/12/1989	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	9/21/1989	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	4/6/1990	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	7/19/1990	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	1/26/1992	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	4/3/1992	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	7/17/1992	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	9/12/1992	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	6/6/1993	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	8/16/1993	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	4/1/1994	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/31/1994	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	12/11/1994	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	2/23/1995	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	4/22/1997	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	2/3/1998	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	2/6/1998	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	3/6/1999	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	3/29/1999	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	4/15/1999	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	7/1/1999	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	6/17/2001	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	6/18/2001	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	3/24/2002	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	6/24/2002	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	2/27/2004	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	4/20/2006	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	5/21/2006	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	5/30/2007	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	12/30/2007	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	4/30/2008	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	5/22/2008	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	2/25/2009	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	7/2/2009	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	8/26/2009	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	12/17/2009	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	4/22/2010	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	6/12/2010	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	8/24/2011	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	12/12/2011	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	1/27/2012	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	1/28/2012	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	3/28/2013	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/31/2013	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	11/6/2013	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	4/20/2014	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	4/29/2014	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	10/3/2014	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	3/28/2015	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	4/3/2015	49	49	0.10	8.38	5600	34.3411%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	13.05501728
USGS 05439000	1/19/1926	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	4/22/1926	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	4/26/1926	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	4/27/1926	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	6/24/1926	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	8/23/1926	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	10/24/1926	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	1/30/1927	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	3/2/1927	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	5/29/1929	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	7/11/1929	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	12/3/1931	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	12/7/1931	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	12/25/1931	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	12/31/1931	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	2/1/1932	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	3/11/1932	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	3/12/1932	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	8/28/1980	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	8/31/1980	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	10/14/1980	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	10/31/1980	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	6/7/1981	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	6/9/1981	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	6/18/1983	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/7/1983	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	11/10/1984	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	6/18/1987	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	1/13/1989	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	1/30/1989	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	3/7/1989	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	1/28/1990	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	4/9/1990	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	7/24/1990	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	2/16/1991	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	5/15/1991	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	11/18/1991	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	1/25/1992	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	1/27/1992	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	5/4/1992	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	12/14/1992	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	12/8/1994	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	6/22/1995	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	8/22/1996	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	7/17/2000	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	11/13/2000	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	4/9/2004	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	3/28/2005	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	1/10/2007	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	5/1/2008	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	10/6/2008	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	7/4/2009	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	7/11/2009	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	5/30/2010	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	6/2/2010	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	7/4/2010	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	6/29/2011	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/28/2011	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	11/18/2011	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	11/30/2011	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	1/7/2012	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	3/28/2012	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	4/13/2014	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	4/21/2014	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	4/28/2014	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	3/24/2015	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	7/24/2015	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	1/31/2016	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	2/19/2016	48	48	0.10	8.28	5672	34.7826%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.90664822
USGS 05439000	10/19/1927	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	12/10/1927	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	1/23/1928	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	7/1/1928	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	7/11/1928	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	12/9/1928	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	1/3/1929	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	1/12/1929	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	2/29/1980	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	10/12/1980	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	10/13/1980	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	5/28/1981	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	12/4/1981	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	4/29/1982	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	6/17/1982	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	7/18/1982	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	3/14/1983	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	6/13/1983	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	12/20/1983	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	6/20/1984	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/29/1984	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	4/18/1985	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	6/14/1986	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	6/19/1986	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	7/20/1986	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	11/28/1986	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	12/16/1986	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	1/8/1988	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	3/12/1988	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	4/28/1988	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	8/16/1989	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	1/4/1990	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	2/21/1990	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	4/13/1990	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	7/7/1990	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	6/17/1991	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	11/20/1991	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	12/23/1991	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	1/14/1992	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	1/15/1992	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	1/22/1992	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	2/15/1992	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	3/20/1992	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	3/21/1992	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	3/23/1992	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	12/15/1992	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	2/10/1993	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	3/2/1995	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	4/4/1995	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	6/23/1995	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	2/12/1996	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	4/2/1997	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/1/1997	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	6/3/1998	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	6/27/1998	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	10/25/1998	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	11/18/1998	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	11/19/1998	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	12/17/1998	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	3/9/1999	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	4/28/2001	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	3/2/2002	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	3/6/2002	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	3/25/2002	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	3/26/2002	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	3/27/2002	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	3/28/2002	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	4/1/2002	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	7/12/2003	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	3/13/2004	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	12/7/2004	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	5/6/2006	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	5/11/2006	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	6/15/2006	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	1/20/2009	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	12/5/2009	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	12/13/2009	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	1/13/2010	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	2/4/2010	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	7/8/2010	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	6/30/2011	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	11/19/2011	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	12/13/2011	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	1/10/2012	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/13/2012	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	2/26/2012	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	5/19/2012	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	10/18/2012	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	5/16/2013	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	7/13/2013	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	2/22/2014	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	5/1/2014	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	5/19/2014	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	4/22/2015	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	1/25/2016	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	1/26/2016	47	47	0.10	8.19	5741	35.2057%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.75827916
USGS 05439000	11/13/1929	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	11/14/1929	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	11/15/1929	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	1/6/1930	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	3/18/1930	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	3/19/1930	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	5/8/1930	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	9/27/1930	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	4/11/1932	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	5/12/1932	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	2/22/1933	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	3/21/1933	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	4/22/1933	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	5/1/1933	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	1/1/1980	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	5/1/1980	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	3/6/1981	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	6/8/1981	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	8/3/1982	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	3/4/1984	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/10/1984	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	7/21/1986	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	9/29/1986	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	12/2/1986	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	4/20/1987	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	6/7/1987	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	11/14/1987	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	6/9/1989	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	9/22/1989	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	4/7/1990	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	4/11/1990	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	4/29/1990	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	6/9/1990	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	11/12/1990	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	12/24/1991	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	1/24/1992	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	1/28/1992	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	4/1/1992	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	5/5/1992	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	5/25/1993	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	5/28/1993	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	7/11/1993	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	8/6/1993	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	10/26/1993	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	10/28/1993	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	12/7/1993	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	4/2/1994	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	7/5/1994	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	7/6/1994	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	12/13/1994	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	3/24/1995	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	6/26/1995	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/1/1995	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	7/5/1996	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	8/21/1996	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	1/9/1997	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	4/3/1997	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	4/23/1997	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	2/26/1999	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	3/12/1999	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	3/14/1999	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	3/30/1999	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	3/31/1999	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	6/30/1999	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	3/6/2000	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	10/5/2000	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	5/11/2001	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	5/27/2001	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	10/28/2001	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	3/7/2002	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	3/31/2002	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	6/25/2002	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	6/26/2002	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	7/8/2003	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	6/27/2004	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	7/4/2004	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	1/19/2005	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	5/30/2006	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	4/24/2007	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	7/16/2007	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	8/18/2007	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	5/7/2008	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	6/21/2008	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	11/24/2008	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/12/2009	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	7/3/2009	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	7/5/2009	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	11/16/2009	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	11/17/2009	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	12/14/2009	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	2/5/2010	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	4/23/2010	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	2/16/2012	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	2/25/2012	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	4/18/2012	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	6/2/2012	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	4/8/2013	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	6/12/2013	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	4/30/2014	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	5/28/2014	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	11/24/2014	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	4/24/2015	46	46	0.10	8.09	5837	35.7944%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.60991011
USGS 05439000	7/3/1926	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	9/21/1926	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	10/23/1926	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	2/15/1927	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	2/21/1927	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	2/27/1927	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	6/13/1927	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	6/25/1927	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	3/25/1928	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	5/21/1929	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	7/15/1929	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	11/26/1979	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	11/28/1979	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	12/24/1979	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/31/1980	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	8/5/1980	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	10/15/1980	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	2/17/1981	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	7/3/1981	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	10/3/1981	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	10/4/1981	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	10/26/1981	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	12/1/1981	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	4/30/1982	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	12/19/1983	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	12/22/1983	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	3/5/1984	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	5/11/1984	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	12/4/1984	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	12/24/1984	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	12/26/1984	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	1/7/1985	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	4/17/1985	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	10/28/1985	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	12/18/1985	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	1/23/1986	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	3/30/1986	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	6/9/1986	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	10/10/1986	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	10/12/1986	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	11/2/1986	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	12/3/1986	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	12/17/1986	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	3/9/1988	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	5/9/1988	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	3/16/1989	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/29/1989	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	7/28/1989	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	1/29/1990	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	4/8/1990	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	8/18/1990	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	10/18/1990	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	12/27/1990	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	2/3/1991	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	5/3/1991	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	1/23/1992	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	1/30/1992	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	4/2/1992	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	4/12/1992	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	5/3/1992	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	2/13/1993	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	3/21/1993	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	10/8/1993	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	10/15/1993	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	1/1/1994	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	7/7/1994	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	11/26/1994	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	1/12/1995	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	2/2/1995	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	2/7/1995	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	6/24/1995	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	6/27/1995	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	4/4/1997	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	4/8/1997	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	6/13/1997	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	6/27/1997	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	8/17/1997	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	1/17/1998	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/4/1998	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	6/5/1998	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	7/12/1998	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	10/30/1998	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	12/18/1998	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	3/13/1999	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	4/1/1999	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	5/2/2000	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	2/5/2001	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	4/29/2001	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	5/7/2001	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	4/3/2002	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	2/28/2004	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	3/27/2005	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	3/29/2005	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	6/26/2006	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	12/7/2006	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	1/21/2008	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	5/3/2008	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	11/21/2008	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	11/18/2009	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	12/11/2009	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	5/31/2010	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	7/13/2010	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	7/29/2010	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	8/10/2010	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	2/16/2011	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	4/5/2011	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	2/14/2012	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	2/15/2013	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	6/8/2013	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	10/18/2014	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/29/2015	45	45	0.10	8.00	5939	36.4199%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.46154105
USGS 05439000	11/20/1927	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	12/13/1927	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	2/10/1928	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	11/10/1928	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	12/10/1928	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	1/22/1929	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	1/28/1929	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	4/6/1930	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	1/28/1931	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	3/22/1931	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	3/16/1932	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	11/1/1980	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	12/17/1980	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	2/20/1982	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	3/3/1982	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	6/9/1982	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	8/7/1982	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	10/9/1982	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	1/12/1983	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	1/14/1983	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	6/19/1983	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	12/8/1983	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	2/24/1986	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	6/13/1986	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	7/1/1986	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	11/3/1986	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	5/4/1987	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	10/7/1987	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	1/7/1988	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	3/4/1988	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	4/29/1988	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/24/1988	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	3/30/1989	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	5/30/1989	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	1/26/1990	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	1/27/1990	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	1/31/1990	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	2/20/1990	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	8/3/1990	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	8/6/1990	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	8/26/1990	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	1/29/1992	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	6/4/1993	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	8/20/1994	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	1/13/1995	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	3/3/1995	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	7/6/1996	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	2/19/1997	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	6/2/1997	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	1/21/1999	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	4/4/1999	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	4/11/1999	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	9/30/1999	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	10/4/2000	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	5/1/2001	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	3/3/2002	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	4/10/2004	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	5/2/2004	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	12/9/2004	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	3/30/2005	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	4/5/2006	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	5/7/2006	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	1/14/2007	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/28/2007	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	5/12/2007	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	5/13/2007	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	6/20/2007	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	2/23/2008	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	7/18/2008	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	11/9/2008	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	12/6/2009	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	12/18/2009	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	1/14/2010	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	4/27/2010	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	6/17/2010	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	7/1/2011	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	11/26/2011	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	1/11/2012	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	1/16/2012	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	1/29/2012	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	2/15/2012	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	3/25/2012	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	3/27/2012	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	3/30/2012	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	4/19/2012	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	4/30/2012	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	5/4/2012	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	4/2/2013	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	4/9/2013	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	5/22/2013	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	6/11/2013	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	7/21/2014	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	1/28/2016	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	2/22/2016	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199
USGS 05439000	2/24/2016	44	44	0.10	7.90	6050	37.1006%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.31317199

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/2/1931	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	6/6/1931	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	6/11/1931	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	6/27/1931	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	12/26/1931	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	12/27/1931	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	12/28/1931	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	12/30/1932	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	2/28/1933	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	4/30/1933	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	6/3/1933	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	6/4/1933	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	7/13/1933	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/2/1980	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	12/7/1980	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	12/18/1980	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	7/4/1981	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	10/5/1981	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	10/8/1981	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/5/1982	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	6/18/1982	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	3/19/1984	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/13/1984	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	10/11/1986	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	11/29/1986	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	4/21/1987	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	11/15/1987	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	1/5/1988	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	3/8/1988	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	4/30/1988	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/1/1988	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/8/1988	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/8/1989	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	3/9/1989	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	3/17/1989	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/27/1989	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	4/12/1990	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	4/30/1990	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	7/8/1990	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	11/13/1990	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	1/2/1991	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	2/24/1991	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	3/8/1991	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/4/1991	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	4/4/1992	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/9/1992	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/26/1993	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/27/1993	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/30/1993	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	7/12/1993	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	10/27/1993	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	10/29/1993	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	12/14/1994	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	12/16/1994	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	2/24/1995	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	3/26/1995	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	4/6/1995	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	6/25/1995	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	8/17/1995	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	11/24/1995	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	11/25/1995	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	11/27/1995	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	8/24/1996	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	1/8/1997	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/24/1997	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	2/2/1998	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	6/6/1998	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	6/29/1998	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	4/10/1999	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	3/7/2000	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/20/2000	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/22/2000	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	8/6/2000	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	4/30/2001	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	6/4/2003	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	6/28/2004	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	7/3/2004	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	3/13/2005	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	3/31/2005	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	4/21/2006	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/22/2006	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/31/2006	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	6/16/2006	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	6/30/2006	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/23/2008	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	10/17/2008	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	12/1/2011	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	1/9/2012	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/20/2012	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/21/2012	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	5/17/2013	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	4/2/2014	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	3/31/2015	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	4/4/2015	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	4/23/2015	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	7/25/2015	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/23/2016	43	43	0.10	7.81	6145	37.6832%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.16480294
USGS 05439000	3/24/1926	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	10/25/1926	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	11/9/1926	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	11/13/1926	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	12/25/1926	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	2/25/1927	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	2/26/1927	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	6/14/1927	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	1/13/1929	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	7/5/1929	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	10/31/1929	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	11/3/1929	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	11/16/1929	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	3/14/1930	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	3/15/1930	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	3/16/1930	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	3/17/1930	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	3/23/1930	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	3/24/1930	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	4/7/1930	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	5/9/1930	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	2/20/1932	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	3/11/1980	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	6/28/1980	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	6/10/1981	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	10/27/1981	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	5/1/1982	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	7/19/1982	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	8/4/1982	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	8/8/1982	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	1/16/1983	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/20/1983	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	6/21/1984	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	4/19/1985	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	7/4/1985	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	12/18/1986	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	5/5/1987	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	6/8/1987	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	6/19/1987	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	1/6/1988	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	3/7/1988	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	3/13/1988	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	5/2/1988	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	3/29/1989	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	7/11/1989	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	6/10/1990	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	8/14/1990	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	11/21/1991	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	5/8/1992	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	11/26/1993	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	12/8/1993	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	12/15/1994	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	2/8/1995	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	3/25/1995	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	4/5/1995	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	6/30/1995	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	7/7/1995	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	1/24/1997	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	4/11/1997	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	4/30/1997	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	1/18/1998	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	10/26/1998	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	10/27/1998	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/2/1999	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	3/8/2000	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	3/9/2000	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	6/19/2001	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	7/11/2003	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	5/4/2004	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	1/13/2007	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	9/15/2007	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	2/16/2008	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	6/22/2008	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	10/20/2008	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	11/22/2008	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	11/23/2008	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	1/13/2009	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	7/8/2009	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	11/24/2009	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	12/7/2009	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	12/12/2009	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	12/15/2009	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	1/15/2010	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	2/6/2010	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	5/1/2010	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	7/5/2010	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	7/31/2010	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	4/6/2011	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	7/25/2011	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	1/8/2012	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	1/12/2012	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	1/15/2012	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	4/1/2012	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	4/20/2012	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	3/26/2013	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/21/2013	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	7/14/2013	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	5/2/2014	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	4/5/2015	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	4/8/2015	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	1/30/2016	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	2/10/2016	42	42	0.10	7.71	6242	38.2780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	12.01643388
USGS 05439000	3/18/1926	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	10/20/1927	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	11/21/1927	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	12/11/1927	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	1/16/1928	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	1/24/1928	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	2/11/1928	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	2/13/1928	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	3/16/1928	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	4/25/1928	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	5/21/1928	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	7/2/1928	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	7/28/1928	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	1/4/1929	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	5/22/1929	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	5/13/1932	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	6/15/1932	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	2/5/1933	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	4/23/1933	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	4/24/1933	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	6/6/1933	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	7/15/1933	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	2/26/1980	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	5/3/1980	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	11/3/1980	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/17/1983	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	7/23/1983	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	6/22/1984	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	10/19/1984	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	11/9/1984	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	4/23/1985	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	6/22/1986	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	7/2/1986	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	2/5/1987	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	3/2/1987	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	5/6/1987	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	6/20/1987	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	3/6/1988	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	3/10/1988	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	3/11/1988	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	3/24/1988	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	5/3/1988	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	1/31/1989	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	1/19/1990	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	7/25/1990	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	7/29/1990	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	8/11/1990	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	11/14/1990	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	11/15/1990	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	3/1/1991	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	12/25/1991	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	1/31/1992	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	2/1/1992	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	5/6/1992	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	7/13/1993	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	8/27/1993	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	9/24/1993	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/15/1993	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	11/26/1995	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	7/7/1996	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	6/3/1997	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	6/30/1998	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	11/20/1998	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	4/3/1999	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	5/2/2001	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	5/4/2001	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	2/16/2002	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	4/5/2002	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	4/6/2002	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	6/27/2002	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	8/23/2002	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	4/11/2004	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	4/20/2004	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	3/26/2005	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	3/15/2006	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	6/9/2007	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	7/4/2007	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	2/14/2008	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	7/24/2008	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	11/19/2009	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	12/8/2009	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	3/2/2010	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	4/30/2010	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	6/1/2010	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	7/7/2010	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	7/2/2011	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	11/20/2011	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	1/13/2012	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	1/30/2012	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/23/2012	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	3/26/2012	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	5/22/2012	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	5/23/2013	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	6/9/2013	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	10/31/2013	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	5/23/2014	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	3/30/2015	41	41	0.10	7.62	6344	38.9035%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.86806482
USGS 05439000	3/21/1926	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	10/26/1926	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	11/17/1929	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/7/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/8/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/9/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/10/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/11/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/12/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/13/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/14/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/15/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/16/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/17/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/18/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/19/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/20/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/21/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/22/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/23/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/24/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/25/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/26/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/27/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/28/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/29/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/30/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/31/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/1/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/2/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/3/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/4/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/5/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/6/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/7/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/8/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/9/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/10/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/11/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/12/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/13/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/14/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/15/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/16/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/17/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/18/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/19/1930	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	12/9/1931	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/21/1932	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	3/13/1932	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	6/16/1980	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	7/16/1980	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	11/2/1980	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	12/19/1980	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	10/9/1981	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	12/7/1981	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/2/1982	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	6/10/1982	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	7/21/1982	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	3/15/1983	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	6/20/1983	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	7/21/1983	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	7/22/1983	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	11/21/1983	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	12/9/1983	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	12/23/1983	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/12/1984	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	11/6/1984	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	11/30/1984	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	12/25/1984	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/8/1985	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/14/1985	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	4/20/1985	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/15/1985	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	10/21/1985	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	10/29/1985	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	3/31/1986	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/16/1986	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	11/30/1986	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/2/1987	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	10/8/1987	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	10/9/1987	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	3/5/1988	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	3/15/1988	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/12/1988	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/15/1988	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/10/1989	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/28/1989	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/12/1990	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	7/9/1990	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/12/1992	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/31/1993	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	12/16/1993	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	12/17/1993	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/2/1994	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	4/3/1994	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	4/12/1994	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/3/1995	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/9/1995	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/26/1995	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	3/1/1995	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	4/15/1996	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	4/25/1997	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	6/16/1997	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	6/7/1998	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	12/19/1998	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	4/6/1999	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	7/2/1999	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/3/2000	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/28/2001	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	11/26/2001	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	4/4/2002	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	4/12/2005	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/19/2005	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	4/3/2006	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/8/2006	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/23/2006	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	6/17/2006	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	6/23/2007	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	7/30/2007	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/31/2007	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/3/2008	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/22/2008	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	2/12/2008	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/24/2008	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/25/2008	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	10/18/2008	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	11/11/2008	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	8/31/2009	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	4/28/2010	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	4/29/2010	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/2/2010	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/14/2012	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	4/29/2012	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/23/2012	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/24/2012	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	5/20/2013	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	6/10/2013	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	4/22/2014	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	8/22/2014	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	1/29/2016	40	40	0.10	7.52	6441	39.4984%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.71969577
USGS 05439000	12/24/1926	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	7/6/1929	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	11/18/1929	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	3/21/1930	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	3/22/1930	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	5/11/1930	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	11/30/1930	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	1/27/1931	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	3/20/1931	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	3/23/1931	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	1/2/1980	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/4/1980	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	8/29/1980	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	11/4/1980	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	12/21/1980	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	12/5/1981	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	12/6/1981	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	6/19/1982	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	6/25/1982	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	7/20/1982	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	11/6/1982	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	1/15/1983	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	1/18/1983	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	3/6/1984	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	3/15/1984	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	3/17/1984	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	5/19/1984	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	11/11/1984	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	12/3/1984	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	1/15/1985	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	4/21/1985	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	4/24/1985	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	12/20/1985	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	6/20/1986	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	7/22/1986	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	11/4/1986	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	12/1/1986	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	12/4/1986	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	5/7/1987	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	3/14/1988	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	5/4/1988	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	11/17/1988	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	3/31/1989	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/10/1989	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	6/13/1989	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	8/17/1989	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	5/1/1990	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	6/11/1990	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	6/13/1990	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	8/27/1990	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	11/16/1990	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	3/9/1991	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	6/18/1991	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	12/26/1991	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	1/8/1992	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	2/9/1992	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	4/5/1992	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	4/10/1992	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	5/7/1992	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	7/31/1992	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	2/19/1993	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	8/4/1993	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	11/13/1993	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	6/16/1994	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	11/4/1995	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	2/13/1996	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	8/25/1996	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	4/10/1997	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	1/3/1998	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	7/13/1998	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	4/8/1999	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	5/21/2000	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	7/18/2000	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	11/14/2000	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	2/6/2001	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/31/2001	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	6/23/2001	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	3/20/2004	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	5/3/2004	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	6/29/2004	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	3/14/2005	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	3/25/2005	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	4/22/2006	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	6/18/2006	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	5/14/2007	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	2/11/2008	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	2/24/2008	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	10/23/2008	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	11/25/2008	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	7/6/2009	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	6/3/2010	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	7/6/2010	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	4/7/2011	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	11/22/2011	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	12/2/2011	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	2/17/2012	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	3/29/2012	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	3/31/2012	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	4/28/2012	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	5/18/2013	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	4/11/2014	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	7/22/2014	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	1/27/2016	39	39	0.10	7.43	6582	40.3630%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.57132671
USGS 05439000	3/22/1926	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	3/23/1926	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	6/25/1926	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	7/6/1926	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/24/1926	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	10/27/1926	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	11/10/1926	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	12/16/1926	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	3/1/1927	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	3/3/1927	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	11/22/1927	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	12/12/1927	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	12/17/1927	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	2/12/1928	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	2/23/1928	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	11/11/1928	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	12/11/1928	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	12/12/1928	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	1/14/1929	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	1/29/1929	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	5/30/1929	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	4/3/1931	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	11/19/1931	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	4/12/1932	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	2/21/1933	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	3/1/1933	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	3/14/1933	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	3/23/1933	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	4/25/1933	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	3/7/1981	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	7/5/1981	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	12/8/1981	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	5/3/1982	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	5/6/1982	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	3/16/1983	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	5/20/1984	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/16/1985	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	4/22/1985	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	7/31/1985	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	10/31/1985	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	4/1/1986	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	7/7/1986	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	12/19/1986	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	5/11/1987	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	6/21/1987	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	3/16/1988	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	5/5/1988	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	5/10/1988	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	3/28/1989	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	7/24/1989	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	7/11/1990	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	11/1/1991	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	12/29/1991	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	4/6/1992	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	4/14/1992	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	9/22/1992	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	7/14/1993	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	9/5/1993	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	10/30/1993	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	12/9/1993	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	12/10/1993	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	12/14/1993	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	4/4/1994	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	2/4/1995	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	3/10/1995	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	4/7/1995	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	4/9/1997	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	4/26/1997	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/27/1997	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	4/28/1997	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	6/4/1997	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	6/8/1998	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	10/31/1998	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	5/4/2000	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	5/3/2001	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	6/20/2001	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	10/13/2001	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	12/14/2001	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	2/12/2002	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	2/15/2002	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	2/17/2002	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	11/18/2003	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	2/29/2004	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	3/15/2004	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	5/5/2004	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	1/12/2005	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	4/2/2005	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	5/21/2005	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	1/29/2006	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	4/6/2006	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	5/9/2006	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	6/1/2006	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	7/3/2006	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	6/24/2007	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	6/27/2007	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	12/22/2007	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	1/2/2008	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	1/17/2009	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	7/10/2009	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	11/20/2009	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/19/2009	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	1/16/2010	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	6/5/2010	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	7/3/2011	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	7/29/2011	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	11/23/2011	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	4/2/2012	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	6/3/2012	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	5/19/2013	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	8/7/2014	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	7/26/2015	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	2/25/2016	38	38	0.10	7.33	6685	40.9947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.42295765
USGS 05439000	2/22/1927	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	6/15/1927	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	4/26/1928	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	8/8/1928	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	11/4/1928	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	11/12/1928	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	1/1/1929	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	2/2/1932	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	11/29/1979	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	3/22/1980	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	5/28/1980	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	12/20/1980	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	10/28/1981	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	11/5/1981	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	5/4/1982	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	10/20/1982	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	11/22/1983	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	6/23/1984	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	1/17/1985	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	1/24/1986	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/10/1986	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	2/25/1986	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	3/2/1986	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	4/30/1986	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	10/13/1986	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	11/5/1986	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	12/5/1986	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	3/19/1988	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	3/23/1988	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	5/23/1988	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	9/23/1989	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	9/25/1989	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	5/2/1990	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	5/3/1990	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	8/17/1990	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	10/19/1990	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	1/3/1991	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	1/5/1991	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	2/16/1992	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	4/13/1992	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	2/14/1993	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	5/29/1993	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	10/31/1993	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	4/5/1994	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	4/13/1994	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	6/20/1994	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	2/10/1995	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	2/25/1995	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	4/8/1995	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	7/8/1995	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	11/28/1995	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	1/19/1996	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/8/1996	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	8/26/1996	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	6/28/1997	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	11/21/1998	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	11/22/1998	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	7/3/1999	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	5/23/2000	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	5/8/2001	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	10/14/2001	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	11/27/2001	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	12/13/2001	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	2/11/2002	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	2/14/2002	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	12/14/2003	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	3/16/2004	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	3/17/2004	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	4/3/2005	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	4/16/2006	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	7/1/2006	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	1/21/2007	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	5/15/2007	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	6/10/2007	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	9/16/2007	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	6/23/2008	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	7/10/2008	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	11/10/2008	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	7/12/2009	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	2/7/2010	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	8/11/2010	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	11/21/2011	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	2/18/2012	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	2/21/2012	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/6/2012	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	2/21/2013	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	7/15/2013	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	9/12/2014	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	4/6/2015	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	9/19/2015	37	37	0.10	7.24	6797	41.6815%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.2745886
USGS 05439000	3/25/1926	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	12/17/1926	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	2/28/1927	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	3/5/1927	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	6/26/1927	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	10/5/1927	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	11/23/1927	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	1/17/1928	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	7/12/1928	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	11/5/1928	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	11/7/1928	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/31/1929	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	7/16/1929	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	10/26/1929	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	11/4/1929	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	11/19/1929	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	3/27/1930	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	4/8/1930	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	4/15/1930	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/10/1930	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	10/10/1930	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	3/24/1931	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	4/4/1931	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	6/12/1931	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	12/29/1931	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	12/30/1931	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/22/1932	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	4/13/1932	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	4/25/1932	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	4/26/1932	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/5/1932	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	6/9/1932	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	6/16/1932	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	3/2/1933	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	3/22/1933	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/5/1980	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	6/17/1980	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	7/22/1980	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	8/30/1980	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	2/20/1981	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	3/8/1981	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	10/10/1981	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	11/6/1981	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	11/26/1981	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	11/27/1981	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	6/12/1982	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	3/17/1983	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	6/21/1983	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	12/10/1983	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	3/9/1984	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	3/10/1984	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	3/18/1984	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/14/1984	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	12/2/1984	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	1/9/1985	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	1/18/1985	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	8/13/1985	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	10/30/1985	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/6/1986	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	1/10/1987	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/8/1987	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/6/1988	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/7/1988	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	1/14/1989	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	6/14/1989	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	7/27/1989	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	9/24/1989	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	1/16/1990	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	1/30/1990	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	7/10/1990	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	7/14/1990	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	8/29/1990	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	11/21/1990	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	3/15/1991	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	12/28/1991	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	1/3/1992	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	1/6/1992	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/10/1992	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	6/2/1993	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	6/3/1993	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	7/15/1993	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	8/12/1993	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	11/5/1993	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	12/12/1993	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	2/5/1995	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	7/1/1995	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	7/9/1995	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	3/25/1996	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	4/30/1996	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	1/19/1998	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/1/1998	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	8/25/1998	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	11/1/1998	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	11/2/1998	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	11/23/1998	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	4/5/1999	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	4/14/1999	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/8/2000	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/5/2001	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/6/2001	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/10/2001	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/21/2001	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	10/29/2001	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	2/13/2002	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	6/5/2003	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	6/8/2003	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	2/22/2004	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	3/18/2004	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	4/12/2004	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	6/30/2004	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	7/5/2004	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	4/1/2005	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/11/2005	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	4/7/2006	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/10/2006	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	12/6/2006	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	1/22/2007	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	9/17/2007	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	12/13/2007	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	1/23/2008	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/8/2008	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	6/25/2008	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/5/2008	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	10/19/2008	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	10/21/2008	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	7/7/2009	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	7/9/2009	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	11/21/2009	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	1/23/2010	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/3/2010	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	6/4/2010	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	6/6/2010	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	2/22/2012	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	4/21/2012	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	5/1/2012	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	12/20/2012	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	4/12/2014	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	2/11/2016	36	36	0.10	7.14	6887	42.2334%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	11.12621954
USGS 05439000	6/16/1927	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	1/18/1928	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	3/25/1932	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	7/14/1933	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	3/24/1980	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	3/30/1980	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/6/1980	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	6/19/1980	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	11/5/1980	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	11/7/1980	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	6/11/1981	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	10/29/1981	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	11/4/1981	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	12/10/1981	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	12/11/1981	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/7/1982	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/19/1982	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	12/24/1983	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	3/7/1984	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	11/7/1984	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	12/5/1984	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	1/13/1985	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	12/19/1985	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	11/6/1986	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	12/20/1986	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	2/7/1987	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/9/1987	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/18/1987	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	10/10/1987	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	10/17/1987	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	3/18/1988	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/11/1988	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/13/1988	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	8/8/1988	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	1/12/1989	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	3/4/1989	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	6/11/1989	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	1/5/1990	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	8/7/1990	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	11/17/1990	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	6/19/1991	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	11/2/1991	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	11/16/1991	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	2/4/1992	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/11/1992	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/13/1992	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	9/14/1992	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	2/20/1993	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/1/1993	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	11/27/1993	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	1/3/1994	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	4/15/1994	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	7/8/1994	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	2/11/1995	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	2/12/1995	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	4/29/1997	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	4/12/1999	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	4/13/1999	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/5/2000	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	7/19/2000	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/29/2001	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	9/23/2001	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	2/18/2002	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	6/28/2002	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	8/13/2002	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	3/19/2004	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	4/13/2004	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/6/2004	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	10/23/2004	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	12/10/2004	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	1/20/2005	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	3/15/2005	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	3/16/2005	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	3/17/2005	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	3/19/2005	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	4/4/2005	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	4/5/2005	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/12/2005	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	4/23/2006	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	6/2/2006	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/19/2006	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/16/2007	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	6/21/2007	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	6/28/2007	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	1/1/2008	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	1/24/2008	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	1/26/2008	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/4/2008	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	1/21/2009	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	1/22/2009	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	8/19/2009	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	7/30/2010	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	2/15/2011	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	7/4/2011	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	4/22/2012	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/2/2012	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/5/2012	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/25/2012	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	6/4/2012	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	2/1/2013	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	4/3/2013	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/28/2013	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/3/2014	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	5/16/2014	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	10/14/2014	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	4/1/2015	35	35	0.10	7.05	7025	43.0797%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.97785048
USGS 05439000	4/5/1926	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	10/28/1926	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	11/11/1926	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	1/7/1928	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	2/17/1928	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	3/24/1928	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/27/1928	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	1/11/1929	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	7/7/1929	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	5/12/1930	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	5/14/1932	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	3/15/1933	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	4/26/1933	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	5/18/1980	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	6/18/1980	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	12/22/1980	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	3/9/1981	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	7/6/1981	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	8/18/1981	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	10/30/1981	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	11/7/1981	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	11/8/1981	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	12/9/1981	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	6/11/1982	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	6/20/1982	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	11/10/1982	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	1/19/1983	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	5/15/1984	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	5/17/1984	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	5/18/1984	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	7/10/1985	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	6/21/1986	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	10/14/1986	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	6/9/1987	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	10/11/1987	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	3/17/1988	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	3/20/1988	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	5/16/1988	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/26/1988	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	3/18/1989	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	4/1/1989	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	4/2/1989	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	8/18/1989	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	9/26/1989	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	1/20/1990	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	7/12/1990	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	7/26/1990	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	11/18/1990	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	11/19/1990	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	1/4/1991	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	2/26/1991	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	11/22/1991	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	12/27/1991	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	1/2/1992	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	2/2/1992	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	2/12/1992	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	4/7/1992	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	7/18/1992	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	9/15/1992	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	11/1/1992	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	2/18/1993	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	2/21/1993	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	8/7/1993	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	11/1/1993	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	11/3/1993	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	11/4/1993	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	11/6/1993	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	12/7/1995	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	5/1/1996	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	8/27/1996	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/14/1997	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	7/14/1998	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	7/19/1998	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	12/20/1998	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	3/10/2000	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	5/6/2000	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	5/7/2000	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	11/15/2000	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	2/7/2001	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	5/12/2001	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	6/24/2001	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	6/6/2003	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	6/7/2003	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	7/1/2004	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	3/18/2005	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	6/22/2006	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	1/25/2008	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	1/27/2008	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	2/15/2008	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	5/5/2008	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	11/22/2009	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	1/17/2010	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	2/8/2010	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	2/9/2010	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	6/8/2010	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	6/9/2010	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	7/11/2010	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	8/14/2010	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	2/19/2012	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	7/19/2012	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	4/25/2014	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	5/24/2014	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/7/2015	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	7/27/2015	34	34	0.10	6.95	7131	43.7297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.82948143
USGS 05439000	1/6/1926	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/10/1926	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/26/1926	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	10/29/1926	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	2/24/1927	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	10/21/1927	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/12/1928	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	4/28/1928	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	7/29/1928	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	8/30/1928	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	8/4/1929	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	4/9/1930	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	4/5/1931	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/1/1932	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/14/1932	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/15/1932	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/17/1932	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	4/14/1932	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	5/6/1932	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	6/7/1933	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	11/6/1980	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/10/1981	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/12/1981	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	6/12/1981	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	11/3/1981	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	8/9/1982	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	6/22/1983	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	5/16/1984	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	11/8/1984	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	12/1/1984	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/10/1985	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	1/19/1985	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	4/25/1985	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	7/6/1986	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	7/23/1986	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	10/25/1986	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	11/8/1986	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/8/1987	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/29/1987	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/30/1987	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	5/10/1987	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	10/12/1987	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/22/1988	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	5/14/1988	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	11/27/1988	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	8/15/1990	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	1/6/1991	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	2/25/1991	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/10/1991	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/12/1991	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	6/20/1991	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	11/15/1991	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	1/4/1992	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	1/7/1992	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	2/6/1992	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	2/22/1993	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	7/16/1993	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	11/2/1993	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	11/12/1993	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	11/15/1993	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	11/28/1993	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	2/13/1995	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/29/1996	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	6/7/1997	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	11/3/1998	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	11/25/1998	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	11/30/1998	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	4/7/1999	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	7/4/1999	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/11/2000	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/20/2000	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	5/24/2000	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	10/6/2000	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	11/16/2000	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	5/9/2001	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	5/15/2001	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	5/26/2001	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	11/30/2001	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	12/15/2001	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/21/2004	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	4/14/2004	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	4/13/2005	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	8/20/2005	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	6/21/2006	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	9/5/2006	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	1/25/2007	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	9/18/2007	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	1/28/2008	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	1/29/2008	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	2/2/2008	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	6/28/2008	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	7/25/2008	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	11/26/2008	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	10/22/2009	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/23/2009	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	1/18/2010	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	5/4/2010	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	7/9/2010	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	2/20/2012	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	4/24/2012	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	4/26/2012	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	5/28/2012	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	5/29/2012	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	11/26/2014	33	33	0.10	6.86	7235	44.3674%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.68111237
USGS 05439000	3/12/1926	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	6/26/1926	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	11/12/1926	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	12/23/1926	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	2/23/1927	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	6/17/1927	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	6/27/1927	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	3/17/1928	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	4/29/1928	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	11/3/1928	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	1/15/1929	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	1/21/1929	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	1/30/1929	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	1/31/1929	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	2/1/1929	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	2/2/1929	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	6/1/1929	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	4/10/1930	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	5/13/1930	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	9/28/1930	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	3/25/1931	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	11/18/1931	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/10/1931	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	3/3/1933	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	3/1/1980	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	3/25/1980	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	3/11/1981	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	3/13/1981	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	10/14/1981	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	10/31/1981	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	12/12/1981	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	5/8/1982	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	6/21/1982	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	11/9/1982	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	7/24/1983	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	5/21/1984	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	6/24/1984	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	11/12/1984	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	12/6/1984	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	6/16/1985	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	7/6/1985	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	12/21/1985	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	2/26/1986	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	4/2/1986	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	4/3/1986	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	11/7/1986	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	12/23/1986	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	12/24/1986	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	2/6/1987	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	3/3/1987	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	3/7/1987	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	4/1/1987	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	6/10/1987	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	6/22/1987	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/13/1987	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	5/25/1988	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	1/11/1989	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	1/26/1989	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	2/1/1989	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	4/3/1989	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	9/27/1989	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	9/28/1989	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	1/9/1990	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	1/10/1990	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	7/16/1990	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	7/27/1990	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	7/30/1990	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	10/20/1990	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	11/22/1990	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	1/8/1991	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	3/11/1991	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	12/30/1991	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	1/5/1992	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	2/5/1992	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	4/9/1992	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	9/16/1992	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	2/15/1993	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	2/17/1993	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	2/24/1993	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	9/6/1993	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	11/14/1993	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	4/6/1994	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	4/14/1994	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	2/14/1995	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	2/15/1995	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	3/4/1995	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/5/1995	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	7/2/1995	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	11/29/1995	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	4/19/1996	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	7/9/1996	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	12/18/1996	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	1/3/1997	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	6/29/1997	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	7/2/1998	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	8/4/1998	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	3/12/2000	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	8/9/2000	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	5/14/2001	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	5/30/2001	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	10/30/2001	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	11/24/2001	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	12/17/2001	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	6/29/2002	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	7/13/2003	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	5/7/2004	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	11/27/2004	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	4/6/2005	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	6/3/2006	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	6/20/2006	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	1/23/2007	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	6/11/2007	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	6/25/2007	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	1/30/2008	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	2/1/2008	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	2/3/2008	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	5/6/2008	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	10/22/2008	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/27/2008	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	11/30/2008	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	12/1/2008	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	1/14/2009	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	1/15/2009	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	1/18/2009	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	1/19/2010	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	1/20/2010	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	5/5/2010	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	8/1/2010	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	7/5/2011	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	11/24/2011	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	4/3/2012	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	4/25/2012	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	5/3/2012	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	5/30/2013	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	7/16/2013	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	11/17/2013	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	7/23/2014	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	10/19/2014	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	11/2/2015	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	2/12/2016	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	3/8/2016	32	32	0.10	6.76	7339	45.0052%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.53274331
USGS 05439000	10/30/1926	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	5/18/1928	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	6/2/1929	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	7/17/1929	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	11/5/1929	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	12/31/1929	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	5/14/1930	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	4/15/1932	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	5/4/1932	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/16/1933	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	3/29/1980	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	5/17/1980	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	7/7/1981	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	8/30/1981	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	10/15/1981	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	10/16/1981	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	11/2/1981	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	11/28/1981	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	3/4/1982	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	5/12/1982	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	5/15/1982	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	6/13/1982	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	6/23/1983	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	12/29/1983	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	12/13/1984	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	4/26/1985	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	5/16/1985	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	10/22/1985	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	1/25/1986	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	4/4/1986	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	4/5/1986	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	7/3/1986	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	12/21/1986	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	3/31/1987	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	10/14/1987	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	3/21/1988	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	6/15/1989	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	7/18/1989	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	8/19/1989	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	8/20/1989	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	10/1/1989	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/25/1990	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	7/15/1990	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	11/20/1990	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	1/11/1991	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	2/27/1991	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	6/21/1991	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	6/22/1991	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	11/23/1991	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	5/14/1992	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	9/13/1992	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	2/23/1993	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	2/25/1993	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	2/26/1993	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	7/17/1993	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	8/9/1993	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	8/10/1993	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	11/7/1993	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	12/13/1993	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	7/10/1995	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	6/8/1997	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	6/11/1997	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	6/17/1997	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	8/15/1997	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	1/20/1998	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	11/24/1998	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	9/27/1999	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	3/13/2000	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	7/20/2000	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	7/31/2000	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	8/2/2000	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	5/13/2001	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	5/16/2001	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/15/2003	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	5/8/2004	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	5/9/2004	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	7/2/2004	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	3/23/2005	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	4/7/2005	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	4/22/2005	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	3/16/2006	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	4/24/2006	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	7/2/2006	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	1/27/2007	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	5/17/2007	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	6/22/2007	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	1/31/2008	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	6/24/2008	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	6/26/2008	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	6/29/2008	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	12/20/2009	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	12/23/2009	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	1/21/2010	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	1/22/2010	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	2/22/2010	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	7/14/2010	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	7/11/2011	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	11/25/2011	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	4/23/2012	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	5/30/2012	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	4/4/2013	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	5/27/2013	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	5/29/2013	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	7/28/2015	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	11/1/2015	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/18/2016	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	2/28/2016	31	31	0.10	6.67	7480	45.8699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.38437426
USGS 05439000	4/29/1926	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	8/1/1926	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	8/2/1926	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	12/20/1926	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	1/29/1927	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	10/22/1927	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	5/15/1930	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	6/27/1930	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	10/19/1930	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	3/17/1931	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	4/6/1931	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	12/8/1931	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/24/1932	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/29/1932	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	5/15/1932	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	5/26/1932	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	4/27/1933	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	11/22/1979	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	11/30/1979	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	12/9/1979	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	1/3/1980	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	5/7/1980	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	5/19/1980	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	11/8/1980	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	12/23/1980	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	10/11/1981	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	11/1/1981	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	11/30/1981	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	12/13/1981	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	1/20/1983	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/25/1983	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	3/8/1984	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	10/31/1984	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	12/7/1984	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	12/12/1984	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	1/11/1985	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	5/5/1985	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/3/1986	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/11/1986	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	6/23/1986	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	7/25/1986	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	10/15/1986	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	12/22/1986	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	12/25/1986	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	3/5/1987	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	4/11/1987	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	10/16/1987	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	5/17/1988	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	4/4/1989	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	7/25/1989	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	10/5/1989	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	7/13/1990	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	8/8/1990	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	11/23/1990	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	11/24/1990	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	1/13/1991	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/2/1991	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	12/31/1991	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	1/1/1992	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/3/1992	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/7/1992	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/8/1992	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/8/1992	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	5/15/1992	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	9/27/1992	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/16/1993	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/27/1993	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	8/5/1993	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	11/8/1993	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	11/19/1993	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	12/11/1993	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	1/4/1994	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	4/26/1994	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/16/1995	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	7/3/1995	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	8/16/1995	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	12/1/1995	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	12/3/1995	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/14/1996	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	4/16/1996	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	4/20/1996	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	5/2/1996	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	5/3/1996	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	8/28/1996	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	9/26/1996	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	1/10/1997	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	6/5/1997	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	6/6/1997	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	6/15/1997	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/1/1998	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	7/15/1998	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	11/4/1998	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	11/26/1998	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	8/24/1999	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/5/1999	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	3/14/2000	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	3/15/2000	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	8/5/2000	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	9/22/2000	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	6/25/2001	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	9/21/2001	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	11/28/2001	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	11/29/2001	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	12/1/2001	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	12/16/2001	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	12/18/2001	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	12/19/2001	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	6/30/2002	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	6/9/2003	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	3/23/2004	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	7/6/2004	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	1/21/2005	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/4/2005	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	3/20/2005	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	4/25/2006	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	6/18/2007	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	7/31/2007	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/4/2008	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/7/2008	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/25/2008	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/29/2008	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	3/1/2008	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	5/9/2008	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	11/28/2008	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	1/16/2009	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/23/2009	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/23/2010	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	3/1/2010	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	5/6/2010	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	6/7/2010	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	1/6/2011	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/14/2011	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	7/6/2011	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	5/26/2012	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	5/27/2012	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	6/5/2012	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	4/7/2013	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	4/23/2014	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	4/24/2014	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	7/29/2015	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	0.995	mg/L	0.289	28.3	35.2416096	10.2360052
USGS 05439000	9/20/2015	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	2/16/2016	30	30	0.10	6.57	7587	46.5260%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.2360052
USGS 05439000	1/7/1926	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	4/30/1926	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	6/27/1926	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	8/25/1926	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	8/26/1926	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	10/31/1926	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	12/22/1926	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	6/18/1927	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	3/11/1928	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	4/30/1928	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	7/13/1928	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	1/20/1929	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	2/3/1929	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	7/8/1929	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	4/11/1930	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	3/18/1931	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/19/1931	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	7/5/1931	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	2/10/1932	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	2/28/1932	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	3/19/1932	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	4/16/1932	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	4/24/1932	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	4/27/1932	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	2/7/1933	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	3/4/1933	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	3/7/1933	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	3/8/1933	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	3/16/1933	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	3/18/1933	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	4/28/1933	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	4/29/1933	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	3/23/1980	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	5/8/1980	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	6/20/1980	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	11/9/1980	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	2/21/1981	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	11/29/1981	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	12/14/1981	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	5/11/1982	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	6/22/1982	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	12/26/1983	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	12/28/1983	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	3/11/1984	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	3/12/1984	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	6/25/1984	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	6/27/1984	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	11/13/1984	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/12/1985	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	1/23/1985	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	4/27/1985	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	6/15/1985	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	7/24/1986	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	9/26/1986	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	10/16/1986	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	3/6/1987	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	3/9/1987	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	10/15/1987	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	5/18/1988	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	5/19/1988	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	5/20/1988	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	5/26/1988	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	3/27/1989	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	9/29/1989	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	10/2/1989	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	1/21/1990	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	7/28/1990	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	11/25/1990	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	1/7/1991	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	1/9/1991	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	2/10/1992	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	5/16/1992	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	9/26/1992	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	9/28/1992	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	2/28/1993	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	3/1/1993	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	11/9/1993	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	11/29/1993	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	4/7/1994	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	7/9/1994	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/6/1995	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	11/5/1995	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	7/10/1996	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	6/9/1997	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	6/30/1997	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	7/5/1999	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	5/27/2000	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	5/28/2000	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	10/31/2001	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	12/23/2001	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	12/25/2001	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	3/22/2004	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	4/15/2004	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	7/9/2004	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	7/10/2004	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	3/24/2005	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	4/23/2005	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	6/4/2006	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	2/8/2008	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	2/26/2008	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	12/21/2009	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	12/22/2009	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	2/26/2010	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	8/12/2010	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	8/13/2010	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	4/4/2012	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	4/27/2012	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	6/6/2012	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	4/5/2013	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	5/24/2013	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	8/22/2013	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	5/25/2014	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/29/2014	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	11/25/2014	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	12/1/2014	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	12/2/2014	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	9/8/2015	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	10/31/2015	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	2/13/2016	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	2/17/2016	29	29	0.10	6.48	7729	47.3968%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	10.08763614
USGS 05439000	3/29/1926	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/3/1926	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	8/3/1926	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	11/1/1926	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	11/2/1926	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	12/19/1926	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	12/21/1926	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	6/19/1927	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	3/18/1928	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	3/19/1928	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/22/1928	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	8/9/1928	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	11/13/1928	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	11/14/1928	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	4/12/1930	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	4/13/1930	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/16/1930	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	6/13/1931	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	2/3/1932	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	2/25/1932	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	2/26/1932	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	2/27/1932	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	3/18/1932	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	4/17/1932	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/17/1933	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	6/8/1933	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	12/1/1979	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	12/6/1979	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	12/7/1979	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	1/18/1980	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/9/1980	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/10/1980	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/11/1980	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/13/1980	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/20/1980	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	7/9/1980	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	7/10/1980	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	12/25/1980	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	3/14/1981	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	3/15/1981	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	7/8/1981	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	11/9/1981	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	3/5/1982	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/9/1982	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/10/1982	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/16/1982	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	1/21/1983	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	6/24/1983	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	7/25/1983	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	12/27/1983	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	12/30/1983	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	10/29/1984	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	11/14/1984	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	12/8/1984	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	1/20/1985	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	4/28/1985	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/30/1985	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/17/1985	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	10/23/1985	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	11/9/1986	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	11/13/1986	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	1/9/1987	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	3/4/1987	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	3/19/1987	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/12/1987	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/14/1987	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	10/19/1987	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/21/1988	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/22/1988	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/27/1988	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/28/1988	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	11/19/1988	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	1/15/1989	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	3/19/1989	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	6/16/1989	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	9/30/1989	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	1/6/1990	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	7/17/1990	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	8/16/1990	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	10/21/1990	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	1/12/1991	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	1/15/1991	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	6/30/1991	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	2/11/1992	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	2/17/1992	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/17/1992	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	11/10/1993	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	11/11/1993	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/1/1993	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	4/8/1994	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	4/16/1994	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	3/7/1995	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	7/11/1995	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	9/7/1995	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	11/30/1995	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	12/8/1995	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	2/9/1996	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	4/22/1996	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/4/1996	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	7/13/1996	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	12/11/1996	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	7/1/1997	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	1/21/1998	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	11/5/1998	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	11/29/1998	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	3/19/2000	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/25/2000	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	11/17/2000	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	1/29/2001	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/17/2001	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/18/2001	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/22/2001	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	4/16/2004	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	12/11/2004	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	3/22/2005	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/22/2005	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	4/8/2006	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	10/3/2006	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	1/24/2007	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	6/13/2007	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/14/2007	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	6/29/2007	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	7/5/2007	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	12/14/2007	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	2/5/2008	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	2/6/2008	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	2/27/2008	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	6/27/2008	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	7/13/2009	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	8/18/2009	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	9/1/2009	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	12/10/2009	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	2/27/2010	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	6/10/2010	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	9/29/2011	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	4/5/2012	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	10/17/2012	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/26/2013	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	7/17/2013	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	5/27/2014	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	2/29/2016	28	28	0.10	6.38	7849	48.1327%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.939267087
USGS 05439000	1/20/1926	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	5/1/1926	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	11/3/1926	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	11/4/1926	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	10/2/1927	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	3/23/1928	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	11/15/1928	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	10/27/1929	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	10/30/1929	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	4/14/1930	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	10/7/1930	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/7/1931	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	6/28/1931	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	4/18/1932	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	4/28/1932	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	5/16/1932	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	3/5/1933	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	3/6/1933	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	5/21/1980	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	6/21/1980	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	10/12/1981	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	12/15/1981	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	12/21/1981	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	5/20/1982	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	5/26/1982	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	6/14/1982	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	8/10/1982	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	1/22/1983	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	6/25/1983	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	11/15/1984	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	12/9/1984	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	1/22/1985	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	4/29/1985	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	5/1/1985	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	7/7/1985	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	7/9/1985	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	1/26/1986	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	2/27/1986	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	4/6/1986	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	5/15/1986	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	7/4/1986	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	11/18/1986	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	12/26/1986	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/29/1986	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	12/30/1986	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	1/2/1987	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	1/13/1987	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	4/2/1987	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	6/23/1987	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	10/18/1987	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	10/20/1987	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	10/24/1987	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	1/25/1989	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	1/27/1989	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	7/18/1990	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	8/30/1990	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	1/10/1991	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	1/14/1991	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	6/23/1991	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	11/25/1991	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	2/13/1992	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	5/23/1992	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	8/1/1992	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	8/3/1992	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	9/17/1992	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	9/23/1992	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	11/16/1993	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	11/17/1993	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	1/5/1994	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	4/9/1994	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	2/17/1995	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	2/18/1995	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	12/2/1995	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	12/5/1995	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	1/18/1996	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/29/1996	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	7/12/1996	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	7/15/1996	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	6/10/1997	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	6/18/1997	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	7/16/1998	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	11/27/1998	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	11/28/1998	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	12/21/1998	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	7/6/1999	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	3/16/2000	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	7/21/2000	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	9/12/2000	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	5/24/2001	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	6/26/2001	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	12/3/2001	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	12/20/2001	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	8/24/2002	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	12/15/2003	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	7/7/2004	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	3/21/2005	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	4/8/2005	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	6/23/2006	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	9/11/2006	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	6/12/2007	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	9/19/2007	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	10/16/2007	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	2/10/2008	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	5/10/2008	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	7/7/2008	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	1/24/2009	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	2/10/2010	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/11/2010	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	2/12/2010	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	2/13/2010	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	2/16/2010	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	2/21/2010	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	6/11/2010	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	7/10/2010	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	7/7/2011	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	6/7/2012	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	4/6/2013	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	5/25/2013	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	10/20/2014	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	2/14/2016	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	2/15/2016	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	2/26/2016	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	2/27/2016	27	27	0.10	6.28	7990	48.9974%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.790898031
USGS 05439000	2/2/1926	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	3/11/1926	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	3/27/1926	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	7/7/1926	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	8/27/1926	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	6/20/1927	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	6/28/1927	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	9/29/1927	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	10/23/1927	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	2/24/1928	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	7/30/1928	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	10/23/1928	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	11/6/1928	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	11/16/1928	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	1/17/1929	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	1/18/1929	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/19/1929	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	2/4/1929	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	6/3/1929	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	7/9/1929	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	10/25/1929	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	11/6/1929	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	5/18/1930	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	3/27/1931	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	4/8/1931	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	4/20/1932	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	4/29/1932	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	4/30/1932	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	6/10/1932	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	2/6/1933	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	2/20/1933	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	12/8/1979	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	1/7/1980	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	3/28/1980	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	5/12/1980	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	5/14/1980	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	5/22/1980	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	5/24/1980	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	6/22/1980	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	11/14/1980	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	12/24/1980	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	12/26/1980	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	3/16/1981	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	3/17/1981	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	7/9/1981	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	10/13/1981	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	11/25/1981	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	12/16/1981	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/18/1981	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	5/18/1982	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	6/26/1984	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	5/6/1985	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	2/28/1986	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	3/1/1986	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	4/7/1986	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	10/17/1986	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	12/27/1986	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	12/28/1986	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	12/31/1986	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	1/1/1987	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	1/6/1987	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	3/18/1987	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	3/25/1987	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	5/13/1987	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	8/2/1987	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	5/29/1988	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	8/9/1988	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	11/28/1988	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	4/5/1989	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	6/17/1989	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	6/18/1989	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	8/21/1989	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	10/6/1989	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	8/9/1990	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	10/11/1990	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	1/16/1991	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	1/18/1991	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	1/19/1991	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	1/23/1991	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	2/28/1991	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/18/1992	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	7/19/1992	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	7/24/1992	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	9/21/1992	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	8/17/1993	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	8/28/1993	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	11/18/1993	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	11/20/1993	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	11/25/1993	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	4/18/1994	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	7/15/1994	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	7/16/1994	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	7/17/1994	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	7/12/1995	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	7/13/1995	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	12/9/1995	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	4/18/1996	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	4/21/1996	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	7/11/1996	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	8/29/1996	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	2/6/1997	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	6/19/1997	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	11/6/1998	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	12/1/1998	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	7/9/1999	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	5/26/2000	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	11/1/2001	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	12/2/2001	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	12/4/2001	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	12/5/2001	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	12/22/2001	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	7/1/2002	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/10/2003	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	2/21/2004	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	4/17/2004	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	1/22/2005	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	4/14/2005	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	5/13/2005	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	4/26/2006	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	6/25/2006	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	5/18/2007	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	5/19/2007	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	5/20/2007	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	6/26/2007	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	12/11/2007	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	7/26/2008	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	9/4/2008	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	11/29/2008	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	2/14/2010	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	2/15/2010	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	2/17/2010	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	2/20/2010	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	2/24/2010	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	2/25/2010	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	7/15/2010	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	7/8/2011	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	4/6/2012	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	4/8/2012	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	4/9/2012	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	4/10/2012	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	4/14/2012	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	6/8/2012	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	2/20/2014	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	2/23/2014	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/4/2014	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	5/9/2014	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	5/13/2014	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	5/26/2014	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	7/24/2014	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	11/30/2014	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	3/1/2016	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	3/2/2016	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	3/7/2016	26	26	0.10	6.19	8113	49.7516%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.642528974
USGS 05439000	1/18/1926	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	3/9/1926	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	5/2/1926	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	11/5/1926	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	11/6/1926	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	12/18/1926	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	3/4/1927	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	5/17/1928	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	7/10/1929	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	7/27/1929	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	5/17/1930	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	5/19/1930	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	10/11/1930	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	12/1/1930	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	3/26/1931	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	2/9/1932	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	4/19/1932	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	4/21/1932	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	2/13/1933	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	12/2/1979	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/4/1980	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	3/27/1980	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	5/15/1980	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/23/1980	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	5/25/1980	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	6/23/1980	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	8/31/1981	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	9/1/1981	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	11/10/1981	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	11/20/1981	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	12/17/1981	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	12/19/1981	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	12/22/1981	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	3/9/1982	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	5/13/1982	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	6/23/1982	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/23/1983	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	2/15/1983	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	6/26/1983	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	12/31/1983	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	3/13/1984	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	12/10/1984	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	5/2/1985	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	8/1/1985	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/3/1986	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	5/13/1986	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	5/14/1986	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	6/24/1986	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	6/27/1986	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	10/19/1986	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/7/1987	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/11/1987	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/14/1987	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/15/1987	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	3/11/1987	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/24/1987	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	4/3/1987	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	6/24/1987	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	10/21/1987	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	10/27/1987	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	5/30/1988	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	11/18/1988	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/28/1989	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	3/20/1989	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	3/26/1989	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	7/13/1989	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	7/26/1989	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/11/1990	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	7/31/1990	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	11/26/1990	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/17/1991	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/20/1991	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/21/1991	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/22/1991	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/24/1991	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/25/1991	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/26/1991	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/27/1991	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/28/1991	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	2/1/1991	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	8/8/1991	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	11/24/1991	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	11/26/1991	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	11/28/1991	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	2/14/1992	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	5/19/1992	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	5/22/1992	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/30/1993	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/24/1994	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	2/16/1994	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	4/10/1994	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	4/17/1994	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	7/10/1994	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	7/14/1994	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	8/15/1994	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	8/19/1994	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	10/6/1995	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	11/6/1995	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	12/4/1995	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	12/10/1995	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/20/1996	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	2/28/1996	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	3/26/1996	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	7/14/1996	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	9/27/1996	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	12/20/1996	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	12/21/1996	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	12/28/1996	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/11/1997	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/25/1997	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	2/5/1997	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	2/18/1997	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	6/20/1997	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	6/21/1997	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	7/2/1997	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	11/9/1998	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	12/22/1998	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	7/23/1999	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	10/1/1999	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/24/2000	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	4/17/2000	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	5/30/2000	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	5/23/2001	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	6/27/2001	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	12/6/2001	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	12/24/2001	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	2/10/2002	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	7/2/2002	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	8/14/2002	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	6/11/2003	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	4/18/2004	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	4/19/2004	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	7/8/2004	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	11/28/2004	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	4/9/2005	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	4/15/2005	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	4/17/2005	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	4/18/2005	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	4/25/2005	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	5/23/2005	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	6/5/2006	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	6/6/2006	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	7/4/2006	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	8/3/2006	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	2/9/2008	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	12/7/2008	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	7/15/2009	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	2/18/2010	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	2/19/2010	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	2/28/2010	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/7/2011	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/9/2012	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	2/7/2013	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	2/16/2013	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	2/18/2013	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	6/2/2014	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	7/30/2015	25	25	0.10	6.09	8266	50.6899%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.494159917
USGS 05439000	1/21/1926	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/8/1926	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	11/7/1926	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	11/8/1926	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	12/26/1926	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	1/5/1927	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/6/1927	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/11/1927	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/20/1928	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/21/1928	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/14/1928	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	11/10/1929	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/25/1930	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	5/20/1930	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	10/20/1930	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/16/1931	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	6/14/1931	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	6/22/1931	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	10/12/1931	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	10/14/1931	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	2/23/1932	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/24/1932	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/7/1932	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	2/14/1933	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	12/5/1979	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	1/8/1980	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/19/1980	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/26/1980	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	6/24/1980	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	11/10/1980	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	11/13/1980	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	12/2/1980	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	12/27/1980	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/18/1981	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/10/1981	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	11/11/1981	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	12/20/1981	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/10/1982	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	5/14/1982	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	5/17/1982	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	1/24/1983	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	2/2/1983	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/26/1983	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	6/28/1984	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	1/21/1985	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	1/24/1985	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/8/1985	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/14/1985	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	12/24/1985	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	1/2/1986	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	1/27/1986	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/8/1986	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/5/1986	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/26/1986	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	10/18/1986	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	10/20/1986	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	10/21/1986	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	11/10/1986	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/11/1986	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	11/15/1986	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	1/3/1987	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/10/1987	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/14/1987	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/20/1987	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/21/1987	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/22/1987	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	5/17/1987	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	6/25/1987	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	10/22/1987	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	10/23/1987	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	10/26/1987	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/21/1989	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/25/1989	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/6/1989	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/7/1989	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/8/1989	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	8/22/1989	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	10/3/1989	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	1/22/1990	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	1/24/1990	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	8/31/1990	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	10/17/1990	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	10/22/1990	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	1/29/1991	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/3/1991	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	5/20/1992	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	5/21/1992	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/2/1992	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/23/1992	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/30/1992	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/29/1992	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	8/11/1993	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	8/18/1993	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	11/21/1993	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	1/6/1994	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	1/23/1994	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/11/1994	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/19/1994	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/25/1994	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/30/1994	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/14/1995	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/20/1995	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/23/1996	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	5/5/1996	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	5/6/1996	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	12/22/1996	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	12/24/1996	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	1/23/1997	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	2/7/1997	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	11/7/1998	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	12/2/1998	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	12/3/1998	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	10/4/1999	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/21/2000	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/25/2000	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/27/2000	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	5/29/2000	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	10/7/2000	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	11/7/2000	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	11/18/2000	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	11/19/2000	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	5/19/2001	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/20/2001	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	5/25/2001	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	6/28/2001	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	12/21/2001	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	11/3/2003	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/10/2005	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/16/2005	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/19/2005	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/20/2005	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/24/2005	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/26/2005	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	5/14/2005	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/17/2006	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/27/2006	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	5/21/2007	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	6/17/2007	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	6/30/2007	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	8/1/2007	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	12/3/2008	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	1/25/2009	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	1/26/2009	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	8/21/2009	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	8/2/2010	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/9/2011	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/12/2011	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/22/2011	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/7/2012	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/11/2012	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/12/2012	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	4/13/2012	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	7/18/2013	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	9/5/2014	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/28/2014	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	11/12/2015	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	3/3/2016	24	24	0.10	6.00	8423	51.6527%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.345790861
USGS 05439000	6/28/1926	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	8/4/1926	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	1/6/1927	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	3/8/1927	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	3/9/1927	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	3/10/1927	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	10/24/1927	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	1/1/1928	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	1/25/1928	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	3/22/1928	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/1/1928	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	10/24/1928	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	2/5/1929	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	6/4/1929	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	6/11/1929	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	7/18/1929	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	11/7/1929	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	1/26/1931	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	4/22/1931	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	11/17/1931	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	3/20/1932	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/1/1932	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	6/17/1932	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	8/28/1932	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	9/13/1932	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	2/15/1933	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	6/9/1933	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	7/17/1933	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	12/14/1979	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/5/1980	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	1/23/1980	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/16/1980	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	6/25/1980	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	6/29/1980	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	12/28/1980	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	3/19/1981	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	3/20/1981	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	8/19/1981	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	11/24/1981	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/21/1982	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	8/11/1982	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	7/11/1984	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/3/1985	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/4/1985	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/12/1985	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/18/1985	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/20/1985	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/27/1985	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	12/22/1985	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	12/23/1985	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	12/28/1985	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	1/4/1986	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	2/12/1986	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	4/14/1986	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/1/1986	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	11/20/1986	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	1/4/1987	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	1/5/1987	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	2/1/1987	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	2/8/1987	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	3/12/1987	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/13/1987	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	3/23/1987	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	4/4/1987	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	4/5/1987	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	4/6/1987	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	4/7/1987	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	4/10/1987	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	4/12/1987	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/15/1987	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/16/1987	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/31/1988	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	11/20/1988	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	1/16/1989	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	1/20/1989	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	3/22/1989	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	3/24/1989	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	6/19/1989	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	1/7/1990	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	1/23/1990	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	1/30/1991	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	6/24/1991	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	9/13/1993	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	11/22/1993	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	11/24/1993	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	1/22/1994	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	1/25/1994	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/1/1994	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	7/11/1994	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	7/12/1994	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	8/21/1994	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	3/8/1995	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	3/9/1995	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/15/1995	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	12/11/1995	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	3/1/1996	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	4/17/1996	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	4/25/1996	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/7/1996	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/8/1996	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	8/30/1996	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	10/30/1996	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	12/23/1996	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	12/25/1996	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	2/8/1997	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	1/22/1998	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	11/8/1998	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	12/4/1998	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	12/23/1998	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	3/17/2000	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	3/18/2000	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	7/22/2000	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	11/20/2000	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	10/15/2001	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	12/7/2001	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	12/27/2001	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	7/11/2004	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	11/1/2004	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	12/12/2004	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	7/5/2006	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	9/4/2006	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	9/20/2007	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	10/18/2007	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	12/2/2008	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	12/6/2008	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/14/2009	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	8/15/2010	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	1/10/2011	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	8/21/2011	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	6/10/2012	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/5/2014	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	8/8/2014	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	8/11/2014	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	10/21/2014	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	11/27/2014	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	12/3/2014	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	3/5/2016	23	23	0.10	5.90	8580	52.6154%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.197421804
USGS 05439000	5/4/1926	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	3/7/1927	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	6/29/1927	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	5/2/1928	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	9/15/1928	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	8/5/1929	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	10/29/1929	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	5/21/1930	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	4/9/1931	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	4/13/1931	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	5/21/1931	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	10/13/1931	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	2/4/1932	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	4/22/1932	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	4/23/1932	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	5/17/1932	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	1/5/1933	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	2/9/1933	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	2/12/1933	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	2/16/1933	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/17/1933	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	2/18/1933	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	12/4/1979	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	12/10/1979	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	12/12/1979	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	1/6/1980	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	1/17/1980	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	1/24/1980	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	3/6/1980	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	3/12/1980	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	5/26/1980	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	8/2/1980	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	8/6/1980	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	11/12/1980	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	11/15/1980	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	12/6/1980	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	12/29/1980	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	12/30/1980	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	3/29/1981	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	3/30/1981	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	7/11/1981	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	11/12/1981	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	11/13/1981	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	3/8/1982	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	5/22/1982	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	6/24/1982	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	11/7/1982	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	1/25/1983	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	2/6/1983	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	1/1/1984	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	6/29/1984	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	5/19/1985	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/17/1985	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	7/11/1985	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	12/27/1985	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	12/29/1985	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	1/5/1986	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	1/28/1986	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	4/9/1986	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	4/15/1986	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	6/25/1986	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	6/26/1986	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	6/28/1986	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	7/27/1986	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	10/22/1986	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	10/23/1986	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	10/24/1986	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	11/12/1986	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	11/14/1986	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	11/16/1986	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	11/19/1986	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	1/8/1987	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	1/12/1987	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	3/15/1987	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	3/26/1987	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	4/8/1987	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	6/26/1987	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	10/25/1987	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	6/1/1988	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	8/10/1988	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	11/15/1988	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	2/2/1989	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	3/23/1989	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	4/28/1989	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/19/1989	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	8/28/1989	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	10/4/1989	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	1/8/1990	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	1/12/1990	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	8/1/1990	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	8/10/1990	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	9/7/1990	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	10/23/1990	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	1/31/1991	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	6/25/1991	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	9/13/1991	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	11/17/1991	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	5/24/1992	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	7/20/1992	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	9/30/1992	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	8/13/1993	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	11/23/1993	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	1/7/1994	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	1/11/1994	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	11/7/1995	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	12/6/1995	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	12/12/1995	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	3/27/1996	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	8/31/1996	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	12/19/1996	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	1/2/1997	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	2/9/1997	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	6/22/1997	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	1/23/1998	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	7/17/1998	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	8/5/1998	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/5/1998	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	7/7/1999	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	3/22/2000	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	3/28/2000	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	4/10/2000	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	9/23/2000	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	11/26/2000	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	6/29/2001	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	11/2/2001	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	12/8/2001	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	12/26/2001	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	12/28/2001	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	6/12/2003	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	12/16/2003	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	2/20/2004	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	7/21/2004	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	12/6/2004	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	1/23/2005	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	4/11/2005	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	4/27/2005	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	3/12/2006	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	6/7/2006	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	6/24/2006	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	11/29/2006	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	12/11/2006	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	7/6/2007	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	9/21/2007	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	2/28/2008	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	6/30/2008	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	7/8/2008	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	7/30/2008	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	12/4/2008	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/2/2009	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	7/16/2010	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	7/10/2011	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	8/25/2011	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	6/11/2012	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	10/19/2012	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	5/6/2014	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	5/30/2014	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	7/25/2014	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	10/13/2014	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	7/31/2015	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	8/30/2015	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	3/4/2016	22	22	0.10	5.81	8717	53.4556%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	9.049052747
USGS 05439000	3/13/1926	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	5/5/1926	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	6/29/1926	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	1/4/1927	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	6/30/1927	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	5/4/1928	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	6/5/1929	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	10/28/1929	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	11/8/1929	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	12/30/1929	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	10/17/1930	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	6/29/1931	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	11/16/1931	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	2/8/1932	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	5/2/1932	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	5/3/1932	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/8/1932	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	12/31/1932	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	2/10/1933	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/11/1933	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	2/19/1933	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	3/13/1933	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	12/3/1979	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	12/11/1979	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	2/28/1980	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	6/26/1980	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/23/1980	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	11/11/1980	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	12/31/1980	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	3/21/1981	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/12/1981	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	9/26/1981	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	9/27/1981	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	11/14/1981	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	11/15/1981	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	11/19/1981	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	3/6/1982	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/27/1983	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	1/2/1984	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	3/14/1984	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	11/16/1984	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	12/25/1985	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	12/26/1985	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	12/30/1985	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	1/1/1986	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	2/2/1986	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	4/10/1986	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	4/11/1986	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	4/17/1986	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/28/1986	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	9/27/1986	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/19/1987	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	2/28/1987	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	4/9/1987	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	4/13/1987	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	10/28/1987	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	6/2/1988	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	4/9/1989	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	6/20/1989	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	6/21/1989	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	8/23/1989	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	11/15/1989	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	9/1/1990	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	10/10/1990	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	10/24/1990	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	6/26/1991	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/4/1991	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	5/25/1992	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	5/26/1992	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	9/24/1992	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	8/19/1993	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	9/7/1993	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	1/12/1994	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	1/26/1994	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	2/15/1994	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	4/20/1994	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	4/24/1994	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	4/29/1994	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	6/17/1994	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/13/1994	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/18/1994	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	12/13/1995	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	1/17/1996	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/26/1996	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/16/1996	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	12/26/1996	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	12/29/1996	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	1/14/1997	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	1/22/1997	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	1/26/1997	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	2/4/1997	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	2/10/1997	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	2/17/1997	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	6/23/1997	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/3/1997	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	1/24/1998	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	1/25/1998	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/20/1998	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/10/1999	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	2/22/2000	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	3/23/2000	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	3/26/2000	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	4/9/2000	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	8/10/2000	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	10/8/2000	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	11/21/2000	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	11/22/2000	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/3/2001	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	11/3/2001	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	6/13/2003	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/14/2003	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/12/2004	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	2/3/2005	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	4/21/2005	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	4/9/2006	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/9/2006	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	12/10/2006	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	5/22/2007	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	9/22/2007	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/29/2008	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	8/4/2008	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	12/8/2008	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	1/23/2009	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	1/27/2009	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/16/2009	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/17/2009	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/24/2009	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	1/11/2011	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/23/2011	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/26/2011	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	6/12/2012	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	0.095	mg/L	0.289	28.3	2.925830279	8.900683691
USGS 05439000	6/12/2012	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	1.8	mg/L	0.289	28.3	55.43678423	8.900683691
USGS 05439000	2/22/2013	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/19/2013	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	4/27/2014	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	5/7/2014	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	7/26/2014	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	9/4/2014	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	3/10/2015	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	8/2/2015	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	8/3/2015	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	8/10/2015	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	11/3/2015	21	21	0.10	5.71	8878	54.4429%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.900683691
USGS 05439000	2/4/1926	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	3/28/1926	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	7/9/1926	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	9/9/1926	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/18/1927	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/2/1928	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/6/1928	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/26/1928	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	2/18/1928	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	2/19/1928	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	5/3/1928	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	5/5/1928	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	7/15/1928	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	7/31/1928	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	8/1/1928	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	8/10/1928	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/16/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	2/6/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	2/25/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/20/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/21/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/22/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/23/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/24/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/25/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/26/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/27/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/28/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/29/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/30/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/1/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/2/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/3/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/4/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/5/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/6/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/7/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/8/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/9/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/13/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/29/1929	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	10/21/1930	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	4/10/1931	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	2/7/1932	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	3/23/1932	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	5/18/1932	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	5/19/1932	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	6/11/1932	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	6/18/1932	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/4/1933	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	6/10/1933	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/19/1979	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/23/1979	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/22/1980	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	5/27/1980	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	6/27/1980	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	8/3/1980	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/16/1980	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/28/1980	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/1/1981	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/6/1981	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	3/22/1981	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	4/12/1981	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	7/13/1981	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	8/28/1981	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/16/1981	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/17/1981	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/18/1981	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/12/1982	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/1/1982	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/8/1982	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/26/1983	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/27/1983	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	2/3/1983	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	8/4/1983	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	9/17/1983	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	9/20/1983	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	10/23/1983	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/11/1984	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/29/1985	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	5/7/1985	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	5/8/1985	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	5/10/1985	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	5/11/1985	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	5/14/1985	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	6/24/1985	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/6/1986	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/29/1986	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	4/12/1986	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/17/1986	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/21/1986	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	3/27/1987	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	3/28/1987	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	10/29/1987	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	10/30/1987	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/29/1988	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/19/1989	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/21/1989	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	5/20/1989	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	5/24/1989	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/22/1989	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/16/1989	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	8/2/1990	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	10/12/1990	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	10/15/1990	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	6/27/1991	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	7/1/1991	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/27/1991	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	5/27/1992	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	6/17/1992	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	8/26/1992	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	9/18/1992	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	9/20/1992	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	9/25/1992	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	8/14/1993	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	9/11/1993	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/8/1994	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/9/1994	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/10/1994	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/13/1994	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/21/1994	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/27/1994	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/31/1994	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	2/1/1994	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	2/2/1994	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	2/3/1994	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	2/4/1994	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	2/14/1994	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	4/21/1994	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	4/22/1994	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	4/27/1994	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	4/28/1994	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/2/1994	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	5/7/1994	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	8/18/1995	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/14/1995	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/15/1995	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	4/24/1996	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/27/1996	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/12/1997	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/13/1997	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/21/1997	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/27/1997	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	2/11/1997	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/26/1998	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	7/18/1998	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/24/1998	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	7/8/1999	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	4/18/2000	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	9/24/2000	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	6/30/2001	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	9/20/2001	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/4/2001	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/9/2001	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/12/2001	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	7/3/2002	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	8/4/2002	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	6/14/2003	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	6/19/2003	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	5/15/2005	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	5/24/2005	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	6/5/2005	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	4/10/2006	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	4/12/2006	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/28/2006	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	4/29/2006	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	6/16/2007	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	7/1/2007	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/15/2007	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/21/2007	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	7/27/2008	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	12/5/2008	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	7/25/2009	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	8/17/2009	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	8/20/2009	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	7/17/2010	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/8/2011	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/9/2011	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	1/18/2011	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/3/2011	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	6/13/2012	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	10/14/2012	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	2/2/2013	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	2/17/2013	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	4/26/2014	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	5/8/2014	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	5/10/2014	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	8/12/2014	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	8/1/2015	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	9/10/2015	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	3/6/2016	20	20	0.10	5.62	9021	55.3198%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.752314634
USGS 05439000	11/14/1925	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	2/3/1926	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	2/5/1926	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	5/6/1926	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	9/6/1926	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/7/1926	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	12/27/1926	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	10/26/1927	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	5/6/1928	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	5/23/1928	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	8/3/1928	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	6/6/1929	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	7/28/1929	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	11/9/1929	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	12/14/1929	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	5/22/1930	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	4/21/1931	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	4/23/1931	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	6/15/1931	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	7/6/1931	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	10/11/1931	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	10/15/1931	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	11/13/1931	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	2/5/1932	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	2/6/1932	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	3/22/1932	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	5/20/1932	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	5/27/1932	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	2/8/1933	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	7/18/1933	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	12/15/1979	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/9/1980	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	6/30/1980	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	8/4/1980	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	11/17/1980	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	11/18/1980	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	12/5/1980	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/2/1981	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	3/23/1981	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	3/24/1981	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	3/25/1981	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	3/26/1981	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	7/15/1981	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	8/20/1981	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	9/2/1981	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	11/23/1981	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	12/23/1981	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	5/23/1982	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	10/21/1982	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/28/1983	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/29/1983	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	2/7/1983	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/3/1984	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/7/1984	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/8/1984	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	6/30/1984	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	11/17/1984	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	11/18/1984	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	11/19/1984	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/25/1985	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/28/1985	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	5/9/1985	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	5/21/1985	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	6/22/1985	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	7/15/1985	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	10/13/1985	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	12/31/1985	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/30/1986	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	2/13/1986	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/18/1986	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	4/13/1986	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	4/16/1986	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	4/18/1986	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	11/22/1986	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	2/11/1987	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	3/16/1987	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	10/31/1987	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	6/3/1988	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	11/13/1988	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	11/21/1988	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/17/1989	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/24/1989	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	5/23/1989	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	8/24/1989	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	10/7/1989	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	10/10/1989	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	10/11/1989	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/13/1990	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	10/16/1990	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	3/13/1991	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	3/14/1991	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	6/28/1991	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	10/30/1991	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	6/5/1992	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	7/25/1992	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	10/1/1992	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	8/8/1993	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	8/20/1993	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	9/8/1993	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/14/1994	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/15/1994	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/28/1994	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/29/1994	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/30/1994	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	2/5/1994	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	2/6/1994	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	4/23/1994	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	5/3/1994	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	5/4/1994	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	5/5/1994	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	6/19/1994	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	8/10/1994	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	7/16/1995	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	3/28/1996	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	9/1/1996	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/1/1997	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/15/1997	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/16/1997	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/17/1997	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/19/1997	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/20/1997	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	2/2/1997	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	2/3/1997	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	2/12/1997	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	2/16/1997	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	6/24/1997	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/27/1998	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/28/1998	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/31/1998	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	7/22/1998	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	7/24/1999	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	10/3/1999	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	10/5/1999	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/8/2000	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	4/11/2000	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	4/16/2000	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	7/23/2000	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	11/27/2000	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	12/4/2000	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	12/7/2000	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	12/8/2000	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	7/1/2001	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	10/22/2001	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	12/10/2001	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	12/29/2001	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	7/4/2002	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	10/4/2002	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	3/17/2003	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	6/20/2003	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	11/5/2003	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	7/13/2004	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/24/2005	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	4/11/2006	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	6/8/2006	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	5/23/2007	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	6/15/2007	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	7/3/2007	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	8/2/2007	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	1/19/2011	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	2/13/2011	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	7/13/2011	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	6/14/2012	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	6/15/2012	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	6/16/2012	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	6/17/2012	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/8/2013	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	6/1/2014	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	8/2/2014	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	8/23/2014	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	9/13/2014	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	11/29/2014	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	12/16/2014	19	19	0.10	5.52	9212	56.4911%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.603945577
USGS 05439000	4/4/1926	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	5/7/1926	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	6/30/1926	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/2/1927	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/7/1927	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	10/25/1927	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	10/27/1927	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/14/1927	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/3/1928	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/4/1928	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/20/1928	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	5/7/1928	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	8/2/1928	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	10/26/1928	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/7/1929	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	6/7/1929	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/12/1929	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/15/1929	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/16/1929	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/17/1929	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/28/1929	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	5/23/1930	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	5/24/1930	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	6/28/1930	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/12/1930	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/18/1930	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/2/1930	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	4/24/1931	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	5/20/1931	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	5/22/1931	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/15/1931	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	3/21/1932	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	5/21/1932	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	6/19/1932	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/1/1933	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/3/1933	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	6/11/1933	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/17/1979	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/18/1979	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/20/1979	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/10/1980	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/12/1980	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/20/1980	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/27/1980	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/1/1980	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/19/1980	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/20/1980	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/21/1980	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/23/1980	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/29/1980	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/1/1980	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/3/1981	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/5/1981	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/7/1981	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	3/27/1981	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/14/1981	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/21/1981	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/7/1982	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	8/13/1982	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/30/1983	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/31/1983	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/1/1983	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/4/1983	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/5/1983	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/28/1983	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/4/1984	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/6/1984	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	9/25/1984	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/27/1985	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/30/1985	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	6/21/1985	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	6/23/1985	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/12/1985	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/13/1985	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/25/1985	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	10/12/1985	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/9/1986	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/10/1986	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/31/1986	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/1/1986	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	4/19/1986	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	5/5/1986	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	6/29/1986	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/29/1986	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/18/1987	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/10/1987	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	3/17/1987	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	6/27/1987	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	6/29/1987	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/4/1988	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/10/1988	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/30/1988	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/22/1989	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	4/12/1989	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	5/21/1989	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	6/23/1989	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	8/31/1989	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	10/8/1989	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	10/9/1989	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	10/21/1989	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	9/2/1990	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	10/14/1990	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	10/25/1990	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	10/27/1990	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/4/1990	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/3/1991	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	5/28/1992	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	5/29/1992	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	5/30/1992	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	5/31/1992	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	6/3/1992	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	6/4/1992	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	8/2/1992	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	8/21/1993	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	8/22/1993	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	9/9/1993	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/16/1994	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/17/1994	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/7/1994	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/8/1994	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/9/1994	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/10/1994	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/11/1994	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/12/1994	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/13/1994	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	5/6/1994	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	5/8/1994	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	10/8/1994	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	10/9/1994	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/16/1995	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/15/1996	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	3/2/1996	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	4/27/1996	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/30/1996	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/31/1996	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/18/1997	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/28/1997	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/29/1997	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/31/1997	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/1/1997	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/13/1997	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/15/1997	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/4/1997	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/8/1997	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/29/1998	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/30/1998	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/21/1998	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	8/7/1998	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	10/5/1998	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	3/29/2000	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	8/3/2000	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	9/11/2000	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	10/9/2000	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/8/2000	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/23/2000	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/25/2000	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/29/2000	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/1/2000	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/2/2000	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/5/2000	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/6/2000	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	9/24/2001	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/5/2001	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/11/2001	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/5/2002	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/6/2002	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	3/15/2003	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	3/16/2003	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	8/1/2003	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/4/2003	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/20/2003	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/29/2004	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/13/2004	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/30/2005	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	5/25/2005	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	6/9/2006	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/6/2006	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/20/2006	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/26/2007	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/27/2007	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	8/5/2007	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	9/23/2007	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/1/2008	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/2/2008	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	8/6/2008	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/30/2009	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	2/1/2009	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/18/2009	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	10/2/2009	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	8/16/2010	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/12/2011	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/15/2011	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/20/2011	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	1/30/2011	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	8/6/2011	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	8/9/2011	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	9/30/2011	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	5/31/2014	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	7/27/2014	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	11/23/2014	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/4/2014	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/17/2014	18	18	0.10	5.43	9384	57.5458%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.455576521
USGS 05439000	12/7/1925	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	5/8/1926	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/2/1926	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/10/1926	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	9/8/1926	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	9/10/1926	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	12/28/1926	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	10/28/1927	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/16/1928	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	10/25/1928	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	8/6/1929	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	5/25/1930	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	9/29/1930	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	10/12/1930	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/29/1931	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/11/1931	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	6/16/1931	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/2/1933	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/6/1933	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	11/21/1979	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	12/13/1979	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	12/21/1979	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	12/22/1979	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/11/1980	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/13/1980	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/16/1980	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/21/1980	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/25/1980	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/11/1980	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	11/24/1980	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	11/27/1980	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	12/3/1980	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	12/4/1980	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/8/1981	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	3/28/1981	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	3/31/1981	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/4/1981	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	11/22/1981	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	2/8/1983	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	2/9/1983	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	10/22/1983	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/5/1984	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/9/1984	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/1/1984	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	10/30/1984	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/26/1985	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	2/5/1985	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/10/1985	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	5/13/1985	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	5/22/1985	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	5/23/1985	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	5/28/1985	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	6/18/1985	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/7/1986	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/8/1986	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/17/1986	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	2/14/1986	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/21/1986	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	5/2/1986	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	5/6/1986	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	9/11/1986	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	9/23/1986	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	2/9/1987	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	6/28/1987	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	8/3/1987	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	6/5/1988	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/18/1988	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/18/1989	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/23/1989	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	2/3/1989	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/10/1989	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/11/1989	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/13/1989	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/14/1989	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/15/1989	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/17/1989	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/29/1989	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	5/22/1989	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	8/25/1989	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/29/1989	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	10/12/1989	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	10/26/1990	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	6/29/1991	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/5/1991	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	9/4/1991	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	6/1/1992	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	6/2/1992	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	10/15/1992	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/18/1994	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/19/1994	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/20/1994	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/21/1994	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	9/24/1994	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/17/1995	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	11/8/1995	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/21/1996	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/28/1996	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	9/8/1996	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	10/29/1996	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/30/1997	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	2/14/1997	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/5/1997	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	8/6/1998	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	8/28/1998	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	9/14/1998	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	10/2/1999	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/1/2000	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/2/2000	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/3/2000	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/7/2000	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/24/2000	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/17/2000	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	10/10/2000	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	11/24/2000	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	11/28/2000	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	11/30/2000	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	12/3/2000	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	12/10/2000	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/2/2001	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/4/2001	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	11/6/2001	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	8/5/2002	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	3/14/2003	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	6/15/2003	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/22/2003	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/14/2004	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	8/4/2004	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/2/2005	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/25/2005	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/29/2005	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/31/2005	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/28/2005	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/30/2005	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	5/16/2005	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	5/26/2005	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/30/2006	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	3/10/2006	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	3/18/2006	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/13/2006	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/14/2006	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	4/15/2006	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	5/24/2007	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/2/2007	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/24/2007	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	9/25/2007	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	9/26/2007	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	10/19/2007	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	11/21/2007	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	12/2/2007	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	12/16/2007	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	12/20/2007	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/3/2008	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/19/2009	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/23/2009	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	8/7/2009	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	9/3/2009	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/18/2010	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/23/2010	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/14/2011	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/16/2011	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/17/2011	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/21/2011	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/24/2011	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/25/2011	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/29/2011	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/14/2011	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/27/2011	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/30/2011	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	6/18/2012	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	7/20/2013	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	11/1/2013	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	5/12/2014	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	6/3/2014	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	8/1/2014	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	10/22/2014	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/9/2014	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	8/19/2015	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	9/18/2015	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	11/6/2015	17	17	0.10	5.33	9586	58.7846%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.307207464
USGS 05439000	1/22/1926	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	3/14/1926	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	8/28/1926	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	9/5/1926	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	1/3/1927	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	1/7/1927	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	10/29/1927	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	3/5/1928	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/8/1928	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/9/1928	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/24/1928	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	6/8/1929	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	7/19/1929	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	7/20/1929	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	10/24/1929	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/26/1930	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/27/1930	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/28/1930	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	4/12/1931	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	4/25/1931	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	6/30/1931	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	11/14/1931	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/22/1932	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	6/12/1932	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	3/9/1933	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	6/12/1933	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	7/19/1933	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	12/16/1979	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/14/1980	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	1/15/1980	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	3/5/1980	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	3/15/1980	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	7/2/1980	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	7/17/1980	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	11/22/1980	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	11/30/1980	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	1/4/1981	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	1/9/1981	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	7/16/1981	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	8/21/1981	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/24/1982	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/25/1982	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	8/14/1982	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	10/19/1982	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	2/10/1983	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	2/11/1983	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	2/14/1983	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	9/21/1983	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	10/20/1984	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	11/20/1984	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	11/23/1984	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	11/26/1984	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	2/4/1985	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	2/6/1985	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	2/11/1985	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/24/1985	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/25/1985	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/26/1985	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	6/27/1985	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	1/11/1986	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/16/1986	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	4/20/1986	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/3/1986	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/4/1986	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/11/1986	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/12/1986	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	2/14/1987	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	6/30/1987	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	6/6/1988	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	4/16/1989	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	4/22/1989	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	6/24/1989	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	6/25/1989	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	6/26/1989	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	6/27/1989	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	8/26/1989	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	10/17/1989	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	10/20/1989	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	11/17/1989	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	9/21/1990	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	10/13/1990	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	7/2/1991	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	10/31/1991	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	6/6/1992	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	7/21/1992	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	7/26/1992	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	9/19/1992	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	10/2/1992	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	10/3/1992	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	9/12/1993	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/9/1994	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	6/18/1994	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/21/1994	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	7/19/1994	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	7/20/1994	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	8/12/1994	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	10/10/1994	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	12/17/1995	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	2/27/1996	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	3/24/1996	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	3/29/1996	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	9/2/1996	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	9/3/1996	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	7/23/1998	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	12/25/1998	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	7/11/1999	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	10/6/1999	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	3/30/2000	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	4/4/2000	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	4/6/2000	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	4/12/2000	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	4/15/2000	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	9/25/2000	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	1/15/2001	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	10/16/2001	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	11/7/2001	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	11/14/2001	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	12/30/2001	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	11/2/2004	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	11/30/2004	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	1/26/2005	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	1/28/2005	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	2/1/2005	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	4/29/2005	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/1/2005	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/17/2005	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/27/2005	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/28/2005	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	3/9/2006	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	11/11/2006	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/25/2007	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	12/17/2007	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	7/28/2008	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	7/22/2009	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	7/26/2009	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	8/8/2009	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	9/2/2010	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	1/13/2011	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	1/22/2011	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	1/23/2011	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	1/26/2011	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	1/27/2011	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	1/28/2011	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	1/31/2011	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	7/15/2011	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	7/16/2011	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	8/3/2011	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	5/15/2014	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	6/4/2014	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	6/8/2014	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	10/24/2014	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	10/25/2014	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	12/5/2014	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	12/18/2014	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	12/19/2014	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	12/22/2014	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/4/2015	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	9/21/2015	16	16	0.10	5.24	9765	59.8823%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.158838407
USGS 05439000	11/15/1925	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	1/8/1926	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	1/30/1926	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	5/9/1926	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/1/1926	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/11/1926	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/31/1926	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/1/1927	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	10/30/1927	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	11/2/1927	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	12/19/1927	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	1/5/1928	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	1/27/1928	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	2/21/1928	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	2/25/1928	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	3/4/1928	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	5/10/1928	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	5/25/1928	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	8/11/1928	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	8/31/1928	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	2/8/1929	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	2/23/1929	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	2/24/1929	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	10/23/1929	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	12/10/1929	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	12/11/1929	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	3/26/1930	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	10/13/1930	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	4/26/1931	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	5/23/1931	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/24/1931	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/7/1931	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	5/25/1932	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	1/7/1933	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	1/18/1933	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	1/26/1980	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	2/21/1980	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/5/1980	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	1/10/1981	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	2/16/1981	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	4/1/1981	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	4/3/1981	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	9/3/1981	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	9/28/1981	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	2/12/1983	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	1/10/1984	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/10/1984	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	10/18/1984	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	11/21/1984	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	11/22/1984	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	11/24/1984	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	1/31/1985	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	2/7/1985	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	2/9/1985	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	2/12/1985	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	5/30/1985	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	5/31/1985	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	6/19/1985	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	10/14/1985	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	10/18/1985	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	1/12/1986	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	1/15/1986	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/15/1986	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	4/25/1986	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	4/26/1986	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	4/28/1986	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	5/7/1986	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/30/1986	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	8/6/1986	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	2/17/1987	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	6/7/1988	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	6/8/1988	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	11/12/1988	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	11/22/1988	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	12/28/1988	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	4/18/1989	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	4/21/1989	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	4/23/1989	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	8/27/1989	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	11/18/1989	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	11/20/1989	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	9/3/1990	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	11/2/1990	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/6/1991	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	10/5/1991	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	11/4/1991	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	6/7/1992	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	10/8/1992	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	10/9/1992	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	10/16/1992	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	9/10/1993	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	5/10/1994	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	5/11/1994	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	5/12/1994	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/22/1994	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	8/16/1994	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/18/1995	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/21/1995	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	11/9/1995	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	1/22/1996	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	3/3/1996	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	9/4/1996	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/24/1998	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	9/15/1998	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	12/26/1998	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	12/6/1999	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	3/31/2000	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	4/5/2000	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	4/13/2000	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	4/14/2000	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/25/2000	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	8/11/2000	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	10/11/2000	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	12/9/2000	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	1/16/2001	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	11/8/2001	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	11/9/2001	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	1/5/2002	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	1/6/2002	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	1/9/2002	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/7/2002	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	3/20/2003	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	6/16/2003	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/7/2003	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	12/18/2003	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/15/2004	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/1/2004	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	12/14/2004	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	1/27/2005	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	2/2/2005	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	5/2/2005	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	5/18/2005	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	6/4/2005	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	3/11/2006	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	2/24/2007	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	2/25/2007	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	9/27/2007	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	10/1/2007	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	10/3/2007	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	12/18/2007	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	9/5/2008	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	2/4/2009	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	2/24/2009	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/20/2009	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	9/4/2009	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/19/2010	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	8/17/2010	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	8/2/2011	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	6/19/2012	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/7/2012	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	2/23/2013	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/21/2013	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	5/14/2014	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	7/28/2014	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	8/4/2014	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	10/23/2014	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	12/8/2014	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	12/20/2014	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/28/2015	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	11/4/2015	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	11/11/2015	15	15	0.10	5.14	9923	60.8512%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	8.010469351
USGS 05439000	11/16/1925	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/17/1926	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	3/30/1926	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	5/10/1926	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	8/5/1926	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	9/3/1926	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	9/4/1926	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	9/14/1926	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	12/30/1926	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	12/31/1926	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/1/1927	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/2/1927	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/10/1927	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/13/1927	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/18/1927	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	3/3/1928	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	5/26/1928	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	5/27/1928	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/17/1928	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	8/12/1928	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	6/9/1929	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	6/10/1929	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	12/18/1929	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	2/9/1931	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	4/14/1931	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	4/20/1931	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	5/25/1931	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	5/31/1931	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	6/17/1931	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/16/1931	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	5/23/1932	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	5/28/1932	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/9/1933	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	3/12/1933	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	6/13/1933	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	3/4/1980	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/3/1980	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/4/1980	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/12/1980	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/24/1980	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	11/25/1980	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	11/26/1980	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/11/1981	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/13/1981	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	4/9/1981	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/17/1981	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	9/7/1981	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	9/8/1981	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	12/24/1981	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	8/15/1982	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/10/1982	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	2/13/1983	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/29/1983	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	8/5/1983	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	9/18/1983	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/12/1984	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/2/1984	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/3/1984	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/4/1984	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	11/25/1984	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	2/3/1985	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/8/1985	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	2/13/1985	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	5/29/1985	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/16/1985	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	8/14/1985	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/9/1985	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/10/1985	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/14/1986	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	2/16/1986	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	4/24/1986	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	4/29/1986	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	5/10/1986	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/31/1986	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	9/24/1986	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/16/1987	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/17/1987	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/20/1987	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/31/1987	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	2/12/1987	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	2/21/1987	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/27/1987	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/17/1988	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	11/14/1988	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	11/23/1988	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	2/13/1989	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	4/19/1989	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	4/20/1989	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	4/30/1989	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/2/1989	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/14/1989	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/15/1989	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/16/1989	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/22/1989	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	11/23/1989	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	12/3/1989	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	9/4/1990	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/28/1990	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/7/1991	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	9/14/1991	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/29/1991	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	6/15/1992	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	6/18/1992	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/22/1992	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	8/4/1992	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/4/1992	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/5/1992	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/6/1992	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/10/1992	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	5/14/1994	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	5/15/1994	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	5/24/1994	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	8/22/1994	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/26/1995	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/23/1996	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/24/1996	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/25/1996	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	3/30/1996	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	3/31/1996	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	4/1/1996	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	4/2/1996	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	9/28/1996	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/6/1997	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/7/1997	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/9/1997	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/18/1997	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/12/1999	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/26/1999	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/12/2000	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/14/2000	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/5/2001	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	11/10/2001	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	11/15/2001	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	11/16/2001	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	12/31/2001	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/4/2002	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/7/2002	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/10/2002	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	8/25/2002	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	6/17/2003	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	6/18/2003	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	6/21/2003	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	12/17/2003	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	12/15/2004	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/3/2005	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	5/3/2005	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	5/29/2005	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	3/19/2006	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/22/2006	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/26/2006	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/27/2006	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/7/2007	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	9/28/2007	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/2/2007	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	12/19/2007	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/4/2008	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/21/2009	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/28/2009	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	8/22/2009	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/3/2009	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/15/2009	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/20/2010	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	8/18/2010	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/17/2011	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	8/8/2011	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	8/10/2011	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	8/26/2011	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	12/21/2012	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	1/12/2013	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	11/7/2013	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	11/18/2013	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	7/29/2014	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	8/9/2014	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	8/24/2014	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/4/2014	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	10/26/2014	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	12/6/2014	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	12/21/2014	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	8/5/2015	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	8/11/2015	14	14	0.10	5.05	10084	61.8385%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.862100294
USGS 05439000	12/6/1925	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	12/8/1925	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	2/6/1926	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	3/17/1926	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	5/11/1926	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	5/13/1926	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/12/1926	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	9/11/1926	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	9/12/1926	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/8/1927	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/9/1927	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/12/1927	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/14/1927	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/27/1927	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/31/1927	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	11/1/1927	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	11/3/1927	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	11/4/1927	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	11/5/1927	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	12/20/1927	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	2/4/1928	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	2/5/1928	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	5/11/1928	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	5/12/1928	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	5/16/1928	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	6/17/1928	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/27/1928	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	8/7/1929	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	5/29/1930	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	6/14/1930	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	12/3/1930	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/30/1931	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	4/15/1931	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	4/16/1931	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	4/27/1931	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	5/12/1931	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	5/13/1931	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	5/19/1931	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	5/30/1931	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/1/1931	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	5/24/1932	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/13/1932	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	6/14/1932	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	6/20/1932	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	6/14/1933	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/20/1933	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/27/1980	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	3/13/1980	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/12/1981	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/14/1981	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	4/2/1981	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	4/5/1981	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	8/22/1981	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	9/4/1981	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	12/25/1981	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	12/26/1981	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/30/1983	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/11/1984	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/13/1984	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/16/1984	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/21/1984	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/27/1984	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	2/1/1985	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	2/2/1985	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	2/14/1985	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	2/20/1985	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	6/1/1985	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	6/20/1985	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	6/25/1985	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/13/1986	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	2/17/1986	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	4/22/1986	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	4/23/1986	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/27/1986	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	5/8/1986	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	5/9/1986	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	9/28/1986	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/21/1987	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	2/13/1987	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	2/22/1987	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/1/1987	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/15/1987	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	8/4/1987	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	6/9/1988	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	11/24/1988	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	11/25/1988	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	12/1/1988	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	2/4/1989	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	2/12/1989	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	2/14/1989	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	4/24/1989	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	4/25/1989	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	4/26/1989	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	6/28/1989	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	8/30/1989	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/14/1989	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/23/1989	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	11/19/1989	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	11/25/1989	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/3/1990	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/14/1990	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/15/1990	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	9/5/1990	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	9/8/1990	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/31/1990	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/1/1990	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/6/1991	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	6/8/1992	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	6/9/1992	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	6/14/1992	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	6/16/1992	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/3/1992	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/27/1992	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/28/1992	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/7/1992	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	5/13/1994	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/11/1994	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/19/1995	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/22/1995	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/23/1995	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/24/1995	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	12/18/1995	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/16/1996	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	2/8/1996	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	3/4/1996	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	4/3/1996	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	9/5/1996	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/31/1996	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	9/17/1997	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	12/27/1998	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/25/1999	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/26/2000	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/13/2000	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/15/2000	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/16/2000	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	11/6/2000	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/17/2001	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/18/2001	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/19/2001	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	9/7/2001	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	11/11/2001	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/1/2002	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/3/2002	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/8/2002	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/13/2002	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/8/2002	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	8/15/2002	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	3/13/2003	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	3/18/2003	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	6/22/2003	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	6/26/2003	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/16/2004	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	5/30/2005	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	6/6/2005	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	4/2/2006	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/7/2006	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/28/2007	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/29/2007	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	2/9/2007	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	2/20/2007	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	9/30/2007	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/4/2007	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/17/2007	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	11/22/2007	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/5/2008	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/31/2008	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/27/2009	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	9/5/2009	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/16/2009	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/21/2010	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	8/19/2010	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/18/2011	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/31/2011	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	8/22/2011	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/1/2011	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	6/20/2012	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/20/2012	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/22/2013	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	7/23/2013	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	1/13/2014	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	2/24/2014	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	5/11/2014	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	8/29/2014	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/27/2014	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	10/28/2014	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	12/10/2014	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	12/15/2014	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	11/5/2015	13	13	0.10	4.95	10264	62.9423%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.713731237
USGS 05439000	12/9/1925	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	8/6/1926	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/11/1927	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/15/1927	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/16/1927	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/17/1927	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	11/6/1927	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	3/1/1928	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	3/2/1928	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	5/13/1928	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	5/14/1928	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	5/28/1928	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/18/1928	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/13/1928	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/19/1928	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/20/1928	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/22/1928	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/21/1929	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	8/2/1929	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	5/30/1930	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	5/31/1930	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	6/29/1930	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/16/1930	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/31/1931	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	4/28/1931	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	5/14/1931	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	5/15/1931	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	6/1/1931	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	5/29/1932	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/8/1933	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	3/10/1933	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	3/11/1933	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	6/15/1933	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/28/1980	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/29/1980	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	3/3/1980	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	3/7/1980	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/6/1980	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/7/1980	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	8/7/1980	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/15/1981	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/19/1981	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/20/1981	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	4/6/1981	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	4/8/1981	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/10/1981	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	4/11/1981	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/18/1981	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	9/9/1981	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	12/27/1981	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	8/16/1982	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/22/1982	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/31/1983	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	9/6/1983	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	11/1/1983	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/14/1984	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/15/1984	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/17/1984	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/19/1984	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/5/1984	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	2/15/1985	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	2/16/1985	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	2/17/1985	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	2/18/1985	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	6/2/1985	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	6/3/1985	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	6/5/1985	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	6/26/1985	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/17/1985	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	8/2/1985	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/15/1985	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	8/1/1986	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	9/25/1986	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/22/1987	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/23/1987	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/30/1987	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	2/18/1987	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/2/1988	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	12/29/1988	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	2/5/1989	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	2/15/1989	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	4/27/1989	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	5/5/1989	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/13/1989	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/18/1989	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/19/1989	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/25/1989	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/29/1989	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	11/14/1989	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	11/21/1989	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	11/24/1989	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	9/6/1990	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/9/1990	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/29/1990	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/30/1990	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	11/3/1990	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	6/10/1992	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	6/11/1992	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	6/12/1992	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	6/13/1992	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/5/1992	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/11/1992	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/12/1992	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/17/1992	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	5/16/1994	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	5/23/1994	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/23/1994	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	9/25/1994	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/12/1994	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/28/1995	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/27/1995	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	12/19/1995	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	3/12/1996	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	9/6/1996	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	9/9/1996	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	11/30/1996	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/25/1998	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	12/28/1998	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/13/1999	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/7/1999	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/27/2000	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	8/4/2000	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	9/14/2000	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	9/26/2000	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/17/2000	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/18/2000	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/19/2000	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/20/2000	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/26/2000	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/27/2000	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	11/3/2000	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	11/4/2000	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	12/11/2000	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/14/2001	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/20/2001	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/6/2001	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/7/2001	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/12/2001	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/17/2001	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	11/13/2001	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/2/2002	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/11/2002	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/12/2002	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/14/2002	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	2/1/2002	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/9/2002	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	6/23/2003	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/16/2003	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/17/2004	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/18/2004	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	12/2/2004	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	5/4/2005	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	5/5/2005	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	5/6/2005	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	5/7/2005	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/2/2006	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	3/20/2006	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	3/21/2006	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	9/23/2006	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/17/2006	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/29/2006	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	11/10/2006	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	8/3/2007	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	9/29/2007	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/14/2007	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/15/2007	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/20/2007	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	12/3/2007	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/9/2008	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/28/2009	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/31/2009	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/29/2009	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	8/9/2009	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/6/2009	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/4/2009	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/17/2009	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/21/2009	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	8/20/2010	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	9/3/2010	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	11/30/2010	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	2/1/2011	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	2/12/2011	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/19/2011	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	8/13/2011	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/13/2011	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	11/4/2011	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	10/15/2012	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	2/3/2013	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	2/9/2013	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	2/24/2013	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	1/14/2014	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	6/5/2014	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	7/30/2014	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	9/6/2014	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	12/7/2014	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	12/11/2014	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	12/23/2014	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	8/6/2015	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	8/15/2015	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	8/18/2015	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	11/7/2015	12	12	0.10	4.86	10452	64.0952%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.565362181
USGS 05439000	11/17/1925	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/7/1926	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	3/15/1926	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	3/16/1926	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/19/1926	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/13/1926	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	9/13/1926	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/28/1927	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/3/1927	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/4/1927	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	12/21/1927	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/28/1928	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/6/1928	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/28/1928	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/29/1928	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	5/29/1928	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/14/1928	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	9/16/1928	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/18/1928	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/28/1928	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/9/1929	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/10/1929	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/11/1929	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/12/1929	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/13/1929	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/14/1929	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/15/1929	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/16/1929	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/17/1929	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/22/1929	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/22/1929	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/29/1929	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/22/1929	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/1/1930	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/7/1930	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/31/1930	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/14/1930	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	12/4/1930	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/1/1931	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/4/1931	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	3/14/1931	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	3/15/1931	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	4/17/1931	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	4/18/1931	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	4/19/1931	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	5/11/1931	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	5/26/1931	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/18/1931	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/8/1931	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/17/1931	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	5/30/1932	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/5/1932	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/27/1932	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/9/1932	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/11/1932	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	9/14/1932	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/16/1933	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/21/1933	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/30/1980	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/10/1980	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/20/1980	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	3/8/1980	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	3/9/1980	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	3/14/1980	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/13/1980	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/25/1980	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/16/1981	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/17/1981	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/18/1981	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/21/1981	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/22/1981	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	4/7/1981	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/19/1981	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/28/1981	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/23/1981	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	12/28/1981	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/4/1982	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/17/1982	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	9/19/1983	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/24/1983	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/18/1984	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/20/1984	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/21/1984	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/6/1984	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/19/1985	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/4/1985	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/6/1985	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/9/1985	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/11/1985	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/18/1985	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/4/1985	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/11/1985	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/2/1986	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/24/1987	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/25/1987	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/26/1987	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/27/1987	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/2/1987	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/13/1987	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/10/1988	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/11/1988	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/12/1988	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/13/1988	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/11/1988	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	11/4/1988	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	11/11/1988	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	12/3/1988	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/6/1989	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/11/1989	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/27/1989	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	5/1/1989	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	5/2/1989	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	5/3/1989	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	5/4/1989	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	5/15/1989	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	5/16/1989	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/24/1989	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/30/1989	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	11/5/1989	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	11/7/1989	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	11/27/1989	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	11/28/1989	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	9/9/1990	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/22/1991	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	9/5/1991	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/19/1992	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/5/1992	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/21/1992	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	5/25/1994	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/22/1994	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/1/1994	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/17/1994	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/18/1994	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/26/1994	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/13/1994	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/25/1995	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/19/1995	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/7/1995	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	12/20/1995	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	12/21/1995	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/15/1996	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	3/5/1996	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	3/6/1996	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	3/13/1996	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	9/7/1996	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/10/1997	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/16/1997	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/8/1998	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	12/29/1998	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/20/1999	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/14/1999	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/8/1999	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/12/2000	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/21/2000	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/22/2000	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/24/2000	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/25/2000	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/28/2000	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	12/17/2000	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/21/2001	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/8/2001	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/18/2001	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	11/12/2001	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	11/17/2001	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/18/2001	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	11/19/2001	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	11/20/2001	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/15/2002	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/23/2002	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/24/2002	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/9/2002	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/10/2002	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/11/2002	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	3/12/2003	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	3/19/2003	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/24/2003	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/25/2003	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/27/2003	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/28/2003	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/29/2003	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/5/2003	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	12/19/2003	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/22/2004	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/30/2004	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	12/16/2004	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	12/31/2004	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	1/4/2005	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	5/8/2005	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	5/9/2005	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	5/10/2005	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	5/31/2005	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/1/2005	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/7/2005	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	3/31/2006	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/11/2006	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/28/2006	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/30/2007	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/6/2007	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/8/2007	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/10/2007	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/11/2007	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/18/2007	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/19/2007	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/21/2007	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/22/2007	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/23/2007	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/5/2007	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/6/2007	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/7/2007	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/8/2007	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/9/2007	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/12/2007	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/6/2008	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/5/2009	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/30/2009	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	9/7/2009	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/18/2009	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/19/2009	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/20/2009	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/22/2010	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/21/2010	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/20/2011	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/1/2011	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/2/2011	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/24/2011	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	11/5/2011	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/21/2012	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	2/27/2013	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/28/2013	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	7/24/2013	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/23/2013	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	6/7/2014	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	8/10/2014	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	9/14/2014	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	10/29/2014	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	12/12/2014	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	12/24/2014	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	12/25/2014	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	12/26/2014	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	12/27/2014	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	12/28/2014	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	9/11/2015	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	11/13/2015	11	11	0.10	4.76	10653	65.3278%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.416993124
USGS 05439000	12/5/1925	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	5/16/1926	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	5/20/1926	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	1/26/1927	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	11/11/1927	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	5/15/1928	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	6/18/1928	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	9/1/1928	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/19/1929	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/20/1929	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/21/1929	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/22/1929	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/23/1929	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/24/1929	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/25/1929	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/26/1929	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/27/1929	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/2/1930	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	6/6/1930	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	6/8/1930	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/5/1930	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/6/1930	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/7/1930	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/10/1930	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/11/1930	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/12/1930	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/8/1931	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	4/29/1931	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	6/2/1931	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	5/31/1932	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	6/1/1932	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	6/21/1932	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	10/27/1932	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	11/8/1932	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	6/17/1933	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	1/31/1980	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/8/1980	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/9/1980	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/11/1980	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/12/1980	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/13/1980	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/14/1980	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/15/1980	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/16/1980	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/19/1980	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	3/2/1980	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	3/10/1980	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	7/8/1980	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	7/18/1980	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/26/1980	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	7/27/1980	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	1/23/1981	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	1/25/1981	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	1/26/1981	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	1/27/1981	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	7/20/1981	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	8/24/1981	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	9/5/1981	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/29/1981	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	1/22/1984	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	7/20/1985	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	7/26/1985	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	9/21/1986	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	1/27/1987	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	1/28/1987	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	1/29/1987	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/16/1987	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/19/1987	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/20/1987	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	7/3/1987	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	6/14/1988	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/27/1988	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/7/1989	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/16/1989	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/20/1989	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/21/1989	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/22/1989	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/26/1989	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	5/18/1989	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	6/29/1989	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	10/31/1989	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/26/1989	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/5/1989	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	7/8/1991	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	7/12/1992	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	7/15/1992	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	10/22/1992	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	5/17/1994	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	5/26/1994	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	8/23/1994	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	7/27/1995	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/22/1995	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	1/12/1996	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	1/13/1996	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	3/7/1996	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	10/6/1998	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/30/1998	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/7/1999	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	7/28/2000	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	8/13/2000	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	8/18/2000	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	9/27/2000	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	10/23/2000	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	11/2/2000	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/12/2000	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/16/2000	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	1/11/2001	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	1/12/2001	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	1/13/2001	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	7/9/2001	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	10/5/2001	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	11/21/2001	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	11/23/2001	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/25/2002	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/2/2002	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/8/2002	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/17/2004	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	6/2/2005	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	6/3/2005	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	6/8/2005	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	1/31/2006	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	3/22/2006	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	3/28/2006	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	7/8/2006	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	11/28/2006	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	10/10/2007	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	10/13/2007	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/4/2007	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	7/31/2009	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	9/8/2009	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	10/9/2009	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	10/10/2009	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/2/2011	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/11/2011	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	8/4/2011	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	8/11/2011	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	8/14/2011	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	8/27/2011	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	10/14/2011	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	11/6/2011	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	11/7/2011	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	6/22/2012	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	9/17/2012	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	10/23/2012	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	2/5/2013	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/9/2013	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	8/24/2013	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	1/12/2014	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	6/6/2014	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	7/31/2014	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/29/2014	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	12/30/2014	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	8/7/2015	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	8/31/2015	10	10	0.10	4.67	10896	66.8179%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.268624068
USGS 05439000	8/7/1926	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	8/29/1926	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	7/13/1930	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	10/15/1930	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	2/1/1980	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	1/3/1982	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	5/6/1989	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	5/13/1989	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	7/15/1989	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	10/26/1989	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	11/4/1989	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	11/22/1989	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	7/6/1992	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	7/11/1997	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	12/31/1998	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	10/29/2000	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	1/22/2001	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	9/25/2001	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	11/19/2004	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	6/9/2005	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	10/11/2007	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	9/5/2012	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162
USGS 05439000	11/8/2015	9.9	9.9	0.10	4.66	11050	67.7623%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.253787162

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/5/1927	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	7/8/1927	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	7/9/1927	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	5/10/1931	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	5/16/1931	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	5/27/1931	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	7/9/1931	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	7/10/1932	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	2/18/1980	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	8/26/1981	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	1/5/1982	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	8/1/1983	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	6/7/1985	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	6/8/1985	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	2/19/1989	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	2/28/1989	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	5/10/1989	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	10/13/1992	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	10/18/1992	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	10/14/1994	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	10/15/1994	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	1/11/1996	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	1/14/1996	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	7/29/2000	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	7/30/2000	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	12/15/2000	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	7/19/2004	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	10/26/2010	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	8/7/2011	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	10/5/2014	9.8	9.8	0.10	4.65	11073	67.9034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.238950256
USGS 05439000	11/7/1927	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	11/9/1927	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/12/1927	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	11/13/1927	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	8/15/1928	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	2/2/1980	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	5/14/1989	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	11/5/1991	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	5/18/1994	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	5/21/1994	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	4/4/2003	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	12/3/2004	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	12/5/2004	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	11/13/2006	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	7/8/2007	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	10/27/2007	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	10/5/2009	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	7/21/2011	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	10/3/2011	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	7/8/2012	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	7/26/2013	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	8/30/2014	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	12/14/2014	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	12/31/2014	9.7	9.7	0.10	4.64	11103	68.0873%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.224113351
USGS 05439000	2/7/1980	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	7/14/1980	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	7/19/1985	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	7/30/1987	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	12/6/1988	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	2/8/1989	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	10/19/1992	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	7/24/1994	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	3/14/1996	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	9/10/1996	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/16/1999	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	1/17/1999	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	1/18/1999	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	1/19/1999	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	10/31/2000	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	12/14/2000	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	12/18/2000	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	1/23/2001	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	1/24/2001	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	1/21/2002	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	1/26/2002	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	2/3/2002	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	12/28/2003	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	9/18/2006	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	10/21/2007	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	9/9/2009	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	6/23/2012	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	8/25/2014	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	9/22/2015	9.6	9.6	0.10	4.63	11127	68.2345%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.209276445
USGS 05439000	11/18/1925	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	12/11/1925	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/23/1926	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	2/8/1926	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	4/3/1926	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	5/12/1926	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	5/14/1926	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	5/21/1926	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	5/22/1926	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	9/30/1930	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	12/13/1930	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	4/30/1931	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	6/2/1932	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/3/1932	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	2/3/1980	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	8/8/1980	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/24/1981	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	2/1/1981	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	7/26/1981	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/23/1984	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/26/1984	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	8/18/1984	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	10/22/1984	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	9/15/1991	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	10/20/1992	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	5/20/1994	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	5/22/1994	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/1/1996	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	2/20/1996	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	3/8/1996	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	4/12/1996	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/1/1999	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/8/1999	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/9/1999	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/10/1999	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/11/1999	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/12/1999	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/13/1999	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/14/1999	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/15/1999	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	7/15/1999	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	7/17/1999	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	10/30/2000	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	12/13/2000	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/8/2001	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/22/2001	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/22/2002	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/31/2002	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	10/30/2006	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	11/12/2006	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	8/1/2008	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	8/23/2009	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	8/22/2010	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	2/6/2011	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	8/13/2014	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/1/2015	9.5	9.5	0.10	4.62	11156	68.4123%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.194439539
USGS 05439000	1/24/1927	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	1/25/1927	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	9/30/1927	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	7/23/1929	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	8/8/1929	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	2/17/1980	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	9/10/1981	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	12/31/1981	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	1/2/1982	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	10/23/1982	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	8/2/1983	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	1/25/1984	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	7/12/1984	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	2/17/1989	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	2/18/1989	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	9/10/1990	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	10/14/1992	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	10/16/1994	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	12/31/1995	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	4/13/1996	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	4/14/1996	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/1/2000	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	1/7/2001	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	7/25/2013	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	11/8/2013	9.4	9.4	0.10	4.61	11212	68.7557%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.179602634
USGS 05439000	1/24/1984	9.3	9.3	0.10	4.60	11237	68.9091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.164765728
USGS 05439000	7/21/1985	9.3	9.3	0.10	4.60	11237	68.9091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.164765728
USGS 05439000	8/8/1987	9.3	9.3	0.10	4.60	11237	68.9091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.164765728
USGS 05439000	12/4/1988	9.3	9.3	0.10	4.60	11237	68.9091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.164765728
USGS 05439000	6/20/1992	9.3	9.3	0.10	4.60	11237	68.9091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.164765728
USGS 05439000	10/24/1992	9.3	9.3	0.10	4.60	11237	68.9091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.164765728
USGS 05439000	8/2/1994	9.3	9.3	0.10	4.60	11237	68.9091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.164765728
USGS 05439000	10/24/1995	9.3	9.3	0.10	4.60	11237	68.9091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.164765728
USGS 05439000	12/23/1995	9.3	9.3	0.10	4.60	11237	68.9091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.164765728
USGS 05439000	7/26/1998	9.3	9.3	0.10	4.60	11237	68.9091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.164765728
USGS 05439000	1/9/2001	9.3	9.3	0.10	4.60	11237	68.9091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.164765728
USGS 05439000	8/1/2009	9.3	9.3	0.10	4.60	11237	68.9091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.164765728
USGS 05439000	8/10/2009	9.3	9.3	0.10	4.60	11237	68.9091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.164765728
USGS 05439000	10/11/2009	9.3	9.3	0.10	4.60	11237	68.9091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.164765728
USGS 05439000	7/20/2012	9.3	9.3	0.10	4.60	11237	68.9091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.164765728
USGS 05439000	3/1/2013	9.3	9.3	0.10	4.60	11237	68.9091%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.164765728
USGS 05439000	6/30/1930	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	9/2/1930	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	2/2/1931	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	2/6/1931	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	2/7/1931	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	3/13/1931	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	5/1/1931	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	5/8/1931	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	5/9/1931	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	6/19/1931	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	2/4/1980	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	2/6/1980	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/27/1984	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	8/14/1986	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	8/5/1987	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	6/15/1988	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	2/9/1989	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	10/27/1989	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	10/7/1991	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	7/13/1992	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	7/29/1992	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	2/21/1996	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	4/4/1996	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	7/19/1999	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	1/27/2002	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	4/5/2003	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	6/10/2005	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	8/7/2008	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	1/29/2009	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	2/3/2009	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	8/2/2009	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	10/6/2009	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	9/1/2013	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	8/3/2014	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	11/5/2014	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	12/13/2014	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	1/2/2015	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	8/14/2015	9.2	9.2	0.10	4.59	11253	69.0072%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.149928822
USGS 05439000	7/14/1926	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	8/30/1926	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	9/1/1926	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	11/23/1979	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	7/28/1980	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	1/30/1981	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/31/1981	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	7/21/1981	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	8/5/1981	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	11/2/1983	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	11/9/1988	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	10/28/1989	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	11/2/1989	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	10/25/1992	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	5/19/1994	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	12/27/1995	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	12/30/1995	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	12/1/1996	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	1/7/1999	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	8/14/2000	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	1/10/2001	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	1/25/2001	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	1/28/2002	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	7/21/2003	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	12/4/2004	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	1/31/2007	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	2/1/2007	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	2/2/2007	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	2/12/2007	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	2/14/2007	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	2/16/2007	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	2/17/2007	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	9/4/2010	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	10/15/2011	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	10/16/2011	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	1/15/2014	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	8/20/2015	9.1	9.1	0.10	4.58	11291	69.2402%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.135091917
USGS 05439000	7/6/1927	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/22/1927	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	12/27/1927	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	1/29/1928	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	2/26/1928	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	2/27/1928	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	2/21/1929	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	1/16/1933	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	1/17/1933	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	7/22/1933	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	2/5/1980	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	7/19/1980	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	1/28/1981	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	2/2/1981	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	2/3/1981	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	7/27/1981	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	12/30/1981	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	1/1/1982	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	8/18/1982	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	9/17/1982	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	8/6/1983	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	2/11/1984	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	2/23/1989	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	5/9/1989	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	7/3/1989	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	11/7/1991	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	7/4/1992	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	12/28/1995	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	12/29/1995	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	1/10/1996	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	1/27/1996	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	1/2/1999	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	7/27/1999	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/19/2000	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	12/20/2000	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	1/4/2001	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	1/5/2001	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	1/6/2001	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	1/27/2001	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	1/16/2002	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	2/4/2002	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	7/20/2004	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	9/6/2006	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	2/5/2011	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	2/7/2011	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	2/25/2013	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	2/26/2013	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	6/9/2014	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	6/10/2014	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	11/11/2014	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	1/3/2015	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	8/12/2015	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	1.58	mg/L	0.289	28.3	38.92734573	7.120255011
USGS 05439000	9/9/2015	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	3.46	mg/L	0.289	28.3	85.24595965	7.120255011
USGS 05439000	11/9/2015	9	9	0.10	4.57	11328	69.4671%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.120255011
USGS 05439000	11/8/1927	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	11/10/1927	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	5/30/1928	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	8/7/1986	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	5/7/1989	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	6/30/1989	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	11/8/1989	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	11/9/1989	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	12/6/1989	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	10/23/1992	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	5/27/1994	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/17/1994	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	1/2/1996	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	1/28/1996	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	2/19/1996	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	10/14/1999	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	12/21/2000	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	7/10/2001	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	9/9/2001	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	2/7/2002	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	7/12/2002	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	4/17/2003	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	6/30/2003	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	10/22/2007	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	10/30/2014	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	11/4/2014	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	1/4/2015	8.9	8.9	0.10	4.56	11382	69.7982%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.105418105
USGS 05439000	6/3/1930	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	12/8/1930	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	10/25/1931	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	10/26/1932	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	7/15/1980	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	12/7/1988	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	2/10/1989	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	12/7/1989	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	9/11/1990	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	5/28/1994	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	2/7/1996	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	3/9/1996	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	10/27/1997	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	12/22/2000	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	12/23/2000	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	1/20/2002	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/29/2002	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	1/30/2002	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	10/23/2007	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	11/23/2007	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	10/12/2009	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	1/5/2015	8.8	8.8	0.10	4.55	11409	69.9638%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.0905812
USGS 05439000	11/13/1925	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	12/10/1925	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	12/12/1925	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	5/15/1926	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	5/18/1926	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	5/23/1926	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	5/2/1931	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	5/6/1931	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	5/18/1931	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	5/29/1931	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	6/18/1933	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	8/6/1985	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	8/15/1985	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	10/16/1985	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	5/8/1989	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	11/10/1989	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	7/7/1992	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	1/26/1996	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	2/22/1996	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	12/24/2000	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	1/3/2001	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	1/28/2001	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	9/10/2009	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	2/8/2011	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	10/4/2011	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294
USGS 05439000	1/6/2015	8.7	8.7	0.10	4.54	11431	70.0987%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.075744294

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/29/1926	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	7/12/1927	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	7/24/1929	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	7/30/1929	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	7/10/1931	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	1/29/1981	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	7/22/1981	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	8/2/1981	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	8/27/1981	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	9/6/1981	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	12/5/1988	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	7/1/1989	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	8/6/1992	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	10/21/1994	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	1/29/1996	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	11/26/1996	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	10/9/1999	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	12/28/2000	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	12/29/2000	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	12/30/2000	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	12/31/2000	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	1/1/2001	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	1/2/2001	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	1/17/2002	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	12/22/2003	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	1/1/2005	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	3/24/2006	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	10/26/2007	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	6/24/2012	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	7/1/2012	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	10/22/2012	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	8/8/2015	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/10/2015	8.6	8.6	0.10	4.53	11457	70.2582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.060907388
USGS 05439000	3/6/1928	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	6/6/1928	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	7/9/1930	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	12/9/1930	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	2/5/1931	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	2/4/1981	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	8/19/1982	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	2/23/1987	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	12/30/1988	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	5/12/1989	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	9/22/1990	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	5/29/1994	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	10/22/1994	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	10/23/1994	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	12/8/1999	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	1/26/2001	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	10/14/2003	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	7/9/2006	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	8/4/2007	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	2/3/2011	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	2/4/2011	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	2/9/2011	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	2/10/2011	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	1/7/2015	8.5	8.5	0.10	4.52	11490	70.4605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.046070483
USGS 05439000	5/3/1931	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	5/28/1931	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	6/3/1931	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	11/24/1979	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	7/20/1980	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	1/6/1982	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	7/7/1984	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/22/1986	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	11/6/1991	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	10/26/1992	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	10/27/1992	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	10/18/1994	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	12/24/1995	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	1/3/1996	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	1/9/1996	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	9/11/1996	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	10/3/1998	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	9/28/2000	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	2/5/2002	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	8/16/2002	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	4/7/2003	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	1/11/2005	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	8/3/2009	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	10/6/2011	8.4	8.4	0.10	4.51	11514	70.6077%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.031233577
USGS 05439000	7/15/1926	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	8/8/1926	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	8/31/1926	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	9/2/1926	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	8/25/1981	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	1/28/1984	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	6/17/1988	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	12/1/1989	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	1/2/1990	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	9/26/1994	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	10/20/1994	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	12/26/1995	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	4/5/1996	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	10/23/1996	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	7/27/1998	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/3/1999	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	10/15/1999	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	12/25/2000	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	12/27/2000	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	3/23/2006	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	10/1/2009	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	3/2/2013	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	11/19/2013	8.3	8.3	0.10	4.50	11538	70.7549%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.016396671
USGS 05439000	1/19/1927	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	7/11/1927	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	6/9/1930	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	1/25/1931	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	7/12/1932	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	8/6/1981	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	5/17/1989	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	6/24/1992	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	10/28/1992	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	10/19/1994	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	7/16/1999	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	8/25/1999	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	10/21/2001	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	1/18/2002	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	7/6/2003	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	12/23/2003	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	11/4/2004	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	6/11/2005	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	4/1/2006	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	9/22/2009	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	10/13/2009	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	3/3/2013	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	1/8/2015	8.2	8.2	0.10	4.49	11561	70.8959%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	7.001559766
USGS 05439000	6/1/1928	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/16/1928	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	8/17/1928	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	8/18/1928	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	10/29/1928	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	5/4/1931	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	10/18/1931	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	11/11/1931	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	8/3/1983	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	9/22/1983	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	7/4/1987	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	11/6/1989	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	6/25/1992	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	10/29/1992	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	10/24/1994	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	10/29/1994	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	2/23/1996	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	4/11/1996	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	12/26/2000	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	9/22/2001	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	10/19/2001	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	1/19/2002	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	2/6/2002	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	12/18/2002	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	9/8/2008	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	9/18/2012	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	10/31/2014	8.1	8.1	0.10	4.48	11584	71.0370%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.98672286
USGS 05439000	2/5/1981	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	2/15/1981	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	7/25/1981	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	11/9/1983	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	7/8/1984	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	6/12/1985	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/3/1986	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	1/9/1989	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	2/24/1989	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	2/25/1989	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	3/1/1989	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	5/11/1989	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	12/4/1989	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	10/4/1991	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	7/14/1992	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	10/31/1992	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	5/30/1994	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	7/25/1994	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	7/29/1995	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	12/25/1995	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	1/4/1996	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	1/8/1996	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	7/18/1997	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	7/28/1998	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	10/7/1998	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	1/6/1999	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	11/11/1999	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	4/8/2003	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	7/23/2003	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	12/18/2004	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	11/28/2005	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	10/7/2009	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	10/23/2010	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	2/4/2013	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	11/1/2014	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	11/6/2014	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	10/30/2015	8	8	0.10	4.48	11611	71.2026%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.971885954
USGS 05439000	12/4/1925	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/9/1926	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	4/1/1926	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	5/17/1926	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	5/30/1926	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	6/4/1932	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	6/22/1932	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	7/23/1981	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	8/3/1985	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	12/23/1988	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	11/8/1991	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	6/21/1992	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	9/12/1996	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	7/12/1997	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	7/17/2003	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	1/7/2005	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	1/28/2006	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	7/10/2006	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	10/2/2006	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	10/24/2007	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	12/30/2010	7.9	7.9	0.10	4.47	11648	71.4294%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.957049049
USGS 05439000	8/11/1929	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	7/1/1930	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	12/14/1930	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	2/3/1931	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	5/7/1931	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	5/17/1931	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	10/27/1931	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	2/6/1981	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	7/29/1981	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	8/9/1987	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	11/30/1989	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	6/23/1992	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/8/1992	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	3/10/1996	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	3/11/1996	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	11/6/1997	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	3/25/2006	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	7/12/2006	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	11/14/2006	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	11/29/2007	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	10/14/2009	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	3/8/2013	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	8/26/2014	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	9/7/2014	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	11/7/2014	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	1/9/2015	7.8	7.8	0.10	4.46	11669	71.5582%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.942212143
USGS 05439000	10/1/1927	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	9/11/1981	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	2/18/1982	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	8/20/1982	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	10/29/1982	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	9/13/1984	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	8/8/1986	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	6/16/1988	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	7/4/1989	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	9/12/1990	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	10/26/1994	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	1/5/1996	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	1/6/1996	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	1/7/1996	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	10/10/1999	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	12/9/1999	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	12/15/1999	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	3/25/2003	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/19/2003	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	12/29/2003	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	7/23/2004	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	6/12/2005	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	8/11/2009	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	10/17/2011	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	11/9/2014	7.7	7.7	0.10	4.45	11695	71.7177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.927375237
USGS 05439000	6/10/1930	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	5/5/1931	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	10/26/1931	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	10/28/1931	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	11/25/1979	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	2/7/1981	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	7/22/1985	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	8/4/1985	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	7/6/1987	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	7/11/1987	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	6/18/1988	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	7/16/1989	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	8/24/1994	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	10/30/1994	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	2/26/1996	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	9/13/1996	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	12/2/1996	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	7/13/2002	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	12/10/2007	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	9/11/2009	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	10/5/2011	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	10/20/2011	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	8/14/2014	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	11/3/2014	7.6	7.6	0.10	4.44	11720	71.8710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.912538332
USGS 05439000	12/13/1925	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/9/1926	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	8/12/1926	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	2/8/1981	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	2/14/1981	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	8/6/1987	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	11/1/1989	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	11/11/1989	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	7/8/1992	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	10/30/1992	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	6/8/1994	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	2/16/1996	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	2/18/1996	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	9/29/1996	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	9/16/1998	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	1/4/1999	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	8/19/2000	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	9/13/2000	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	12/21/2003	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	1/5/2005	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	6/13/2005	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	11/24/2007	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	12/1/2007	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	8/4/2009	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	8/24/2009	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	8/5/2011	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	8/28/2011	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	1/13/2013	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	7/27/2013	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	1/11/2014	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	10/29/2015	7.5	7.5	0.10	4.43	11744	72.0182%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.897701426
USGS 05439000	1/23/1927	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	7/10/1927	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/17/1927	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	1/15/1933	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	7/23/1933	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	10/2/1979	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	7/29/1980	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	2/9/1981	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	8/3/1981	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	10/20/1983	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	10/25/1983	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	11/3/1983	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	11/4/1983	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	11/19/1983	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	7/9/1984	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	8/10/1985	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	12/14/1988	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	3/3/1989	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	7/23/1991	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	8/12/1991	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	10/8/1991	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	6/9/1994	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	6/13/1994	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	7/18/1999	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	10/11/1999	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	10/16/1999	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	12/10/1999	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	7/11/2001	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	3/21/2003	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	8/12/2005	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	11/25/2007	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	11/26/2007	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	8/23/2010	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	8/12/2011	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/8/2014	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	11/12/2014	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	1/10/2015	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	8/13/2015	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	11/14/2015	7.4	7.4	0.10	4.42	11775	72.2083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.88286452
USGS 05439000	10/21/1928	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	10/30/1928	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	7/11/1931	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	11/12/1931	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	2/19/1982	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	10/24/1982	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	1/29/1984	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	2/3/1984	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	3/2/1989	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	7/9/1991	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	5/31/1994	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	10/25/1994	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	2/24/1996	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	3/15/1996	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	4/6/1996	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	11/7/1996	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	8/9/1998	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	8/15/2000	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	10/20/2001	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	4/9/2003	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	7/1/2003	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	12/9/2003	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	1/6/2005	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	3/29/2006	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	2/3/2007	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	2/4/2007	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	2/7/2007	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/13/2007	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	2/15/2007	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	10/25/2007	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	8/2/2008	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	10/27/2010	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	10/25/2011	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	11/17/2014	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	8/9/2015	7.3	7.3	0.10	4.41	11814	72.4474%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.868027615
USGS 05439000	11/19/1925	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	4/2/1926	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	5/24/1926	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	5/25/1926	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	5/26/1926	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	5/27/1926	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	5/31/1926	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	6/1/1926	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	7/2/1930	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	9/3/1930	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	10/22/1930	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	2/10/1931	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	6/28/1932	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	7/3/1932	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	12/22/1932	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	2/10/1981	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	2/2/1984	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	2/4/1984	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	7/5/1987	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	12/22/1988	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	11/12/1989	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	11/13/1989	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	10/3/2000	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	8/2/2003	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/14/2005	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	9/22/2006	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	10/31/2006	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	11/27/2007	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	11/9/2013	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	9/1/2015	7.2	7.2	0.10	4.40	11849	72.6620%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.853190709
USGS 05439000	11/15/1979	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	8/9/1981	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	8/10/1981	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	10/23/1984	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	8/4/1986	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	8/9/1986	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	8/7/1987	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	10/23/1988	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	8/11/1991	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	8/13/1991	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	6/26/1992	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	8/7/1992	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	8/4/1994	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	4/7/1996	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	4/8/1996	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	9/14/1996	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	12/4/1996	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	10/1/2000	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	9/12/2006	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	11/30/2007	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	10/21/2011	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	10/21/2012	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	7/28/2013	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	11/2/2014	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	11/8/2014	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	11/22/2014	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/11/2015	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	9/23/2015	7.1	7.1	0.10	4.39	11879	72.8460%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.838353803
USGS 05439000	7/15/1927	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	7/16/1927	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	12/23/1927	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	12/24/1927	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	12/25/1927	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	12/26/1927	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	1/30/1928	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	1/31/1928	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	2/1/1928	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	6/20/1931	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	2/11/1981	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	2/12/1981	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	2/13/1981	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	7/24/1981	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	9/12/1981	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	1/7/1982	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	2/10/1984	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	8/5/1985	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	8/26/1986	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	12/8/1988	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	12/2/1989	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	8/20/1995	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	4/9/1996	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	11/1/1996	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	7/28/1999	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	7/4/2003	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	10/28/2007	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	12/5/2007	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	10/8/2009	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	9/5/2010	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/25/2014	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	9/15/2014	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	1/12/2015	7	7	0.10	4.38	11907	73.0177%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.823516898
USGS 05439000	7/16/1926	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	8/9/1926	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	8/10/1926	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	8/13/1926	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	3/7/1928	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	6/2/1928	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	9/2/1928	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	9/4/1928	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	10/31/1928	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	11/2/1928	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	2/18/1929	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	2/19/1929	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	2/20/1929	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	6/4/1930	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	6/5/1930	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	6/11/1930	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	6/12/1930	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	6/13/1930	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	6/15/1930	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	6/16/1930	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	6/26/1932	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	10/28/1932	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	10/11/1982	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	2/1/1984	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	9/12/1986	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	7/7/1987	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	6/19/1988	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	7/26/1994	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	10/27/1994	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/31/1995	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	12/3/1996	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	7/29/1998	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	12/16/1999	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	8/6/2002	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	8/26/2002	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	4/10/2003	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	7/3/2003	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	7/13/2006	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	10/12/2011	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	6/25/2012	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	1/16/2014	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	1/13/2015	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	1/14/2015	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	1/15/2015	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	8/21/2015	6.9	6.9	0.10	4.37	11940	73.2201%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.808679992
USGS 05439000	6/4/1931	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	1/14/1933	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	6/19/1933	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	7/24/1933	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	1/30/1984	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	2/5/1984	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	6/13/1985	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	6/14/1985	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	6/20/1988	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	12/24/1988	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	12/31/1988	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	11/3/1989	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	10/3/1990	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	6/1/1994	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	6/7/1994	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	11/17/1996	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/2/2003	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	7/4/2005	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	7/14/2006	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	8/15/2011	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	10/18/2011	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	1/27/2013	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	7/30/2013	6.8	6.8	0.10	4.36	11985	73.4960%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.793843086
USGS 05439000	8/15/1986	6.7	6.7	0.10	4.35	12008	73.6371%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.779006181
USGS 05439000	2/26/1987	6.7	6.7	0.10	4.35	12008	73.6371%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.779006181
USGS 05439000	7/9/1992	6.7	6.7	0.10	4.35	12008	73.6371%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.779006181
USGS 05439000	9/27/1994	6.7	6.7	0.10	4.35	12008	73.6371%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.779006181
USGS 05439000	8/29/1998	6.7	6.7	0.10	4.35	12008	73.6371%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.779006181
USGS 05439000	10/12/1999	6.7	6.7	0.10	4.35	12008	73.6371%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.779006181
USGS 05439000	9/29/2000	6.7	6.7	0.10	4.35	12008	73.6371%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.779006181
USGS 05439000	10/2/2002	6.7	6.7	0.10	4.35	12008	73.6371%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.779006181
USGS 05439000	6/15/2005	6.7	6.7	0.10	4.35	12008	73.6371%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.779006181
USGS 05439000	11/6/2007	6.7	6.7	0.10	4.35	12008	73.6371%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.779006181
USGS 05439000	11/11/2007	6.7	6.7	0.10	4.35	12008	73.6371%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.779006181
USGS 05439000	9/12/2009	6.7	6.7	0.10	4.35	12008	73.6371%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.779006181
USGS 05439000	7/18/2012	6.7	6.7	0.10	4.35	12008	73.6371%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.779006181
USGS 05439000	11/10/2014	6.7	6.7	0.10	4.35	12008	73.6371%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.779006181
USGS 05439000	10/24/2015	6.7	6.7	0.10	4.35	12008	73.6371%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.779006181
USGS 05439000	1/4/1926	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	2/10/1926	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	5/31/1928	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	6/3/1928	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	6/5/1928	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	6/7/1928	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	6/13/1928	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	8/19/1928	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	8/21/1928	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	11/1/1928	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/17/1930	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	7/10/1930	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	7/14/1930	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	11/10/1932	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	8/7/1983	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	1/31/1984	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	8/24/1985	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	10/8/1985	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	8/5/1986	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	10/2/1988	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	9/13/1990	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	6/22/1992	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	6/2/1994	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	6/12/1994	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	2/25/1996	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	3/22/1996	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	4/10/1996	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	7/13/1997	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	7/14/1997	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	7/15/1997	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	8/26/1998	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	1/5/1999	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	12/12/1999	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	8/2/2001	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	4/16/2003	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	12/19/2004	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	10/31/2007	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	11/9/2007	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	11/15/2007	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	11/28/2007	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	8/5/2009	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	10/24/2010	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/24/2012	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	7/31/2012	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	8/5/2012	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	11/12/2012	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	3/7/2013	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	11/2/2013	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	1/16/2015	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	8/16/2015	6.6	6.6	0.10	4.34	12023	73.7291%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.764169275
USGS 05439000	1/10/1933	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	10/21/1983	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	2/6/1984	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	7/13/1984	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	6/10/1985	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	7/5/1989	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	6/3/1994	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	6/5/1994	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	9/23/1994	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	10/20/1995	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	2/17/1996	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	7/20/1999	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	12/11/1999	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	3/28/2003	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	3/26/2006	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	11/1/2007	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	11/5/2007	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	11/20/2007	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	9/9/2008	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	8/24/2010	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	12/12/2010	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	12/27/2010	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	10/8/2011	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	10/19/2011	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/4/2013	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	3/6/2013	6.5	6.5	0.10	4.33	12073	74.0357%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.749332369
USGS 05439000	10/19/1931	6.4	6.4	0.10	4.32	12099	74.1951%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.734495464
USGS 05439000	10/29/1931	6.4	6.4	0.10	4.32	12099	74.1951%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.734495464
USGS 05439000	2/7/1984	6.4	6.4	0.10	4.32	12099	74.1951%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.734495464
USGS 05439000	2/9/1984	6.4	6.4	0.10	4.32	12099	74.1951%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.734495464
USGS 05439000	8/4/1984	6.4	6.4	0.10	4.32	12099	74.1951%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.734495464
USGS 05439000	8/7/1985	6.4	6.4	0.10	4.32	12099	74.1951%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.734495464
USGS 05439000	6/21/1988	6.4	6.4	0.10	4.32	12099	74.1951%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.734495464
USGS 05439000	9/15/1990	6.4	6.4	0.10	4.32	12099	74.1951%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.734495464
USGS 05439000	6/4/1994	6.4	6.4	0.10	4.32	12099	74.1951%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.734495464
USGS 05439000	6/6/1994	6.4	6.4	0.10	4.32	12099	74.1951%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.734495464
USGS 05439000	9/28/1994	6.4	6.4	0.10	4.32	12099	74.1951%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.734495464
USGS 05439000	9/15/1996	6.4	6.4	0.10	4.32	12099	74.1951%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.734495464
USGS 05439000	12/24/2003	6.4	6.4	0.10	4.32	12099	74.1951%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.734495464
USGS 05439000	11/15/2006	6.4	6.4	0.10	4.32	12099	74.1951%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.734495464
USGS 05439000	12/6/2007	6.4	6.4	0.10	4.32	12099	74.1951%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.734495464
USGS 05439000	11/2/2011	6.4	6.4	0.10	4.32	12099	74.1951%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.734495464
USGS 05439000	1/17/2015	6.4	6.4	0.10	4.32	12099	74.1951%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.734495464
USGS 05439000	7/17/1926	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	7/22/1926	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	7/23/1926	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	7/30/1926	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	8/11/1926	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	6/4/1928	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	6/8/1928	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	7/25/1929	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	7/31/1929	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	8/10/1929	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	6/21/1931	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	10/25/1932	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	10/3/1979	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/22/1979	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	8/7/1981	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	2/8/1984	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	10/17/1984	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	2/25/1987	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	7/26/1987	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	1/1/1990	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	9/23/1990	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	10/25/1991	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	6/27/1992	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	10/28/1994	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	8/3/1995	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	3/16/1996	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	9/30/1996	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	7/21/1997	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	10/13/1999	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	12/14/1999	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	9/16/2000	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	7/12/2001	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	7/14/2002	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	4/6/2003	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	7/18/2003	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	1/8/2005	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	1/10/2005	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	2/1/2006	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	3/30/2006	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	9/13/2006	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	11/12/2007	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	8/8/2008	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	2/2/2009	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	11/23/2010	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	10/26/2011	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/29/2012	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	3/5/2013	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	8/15/2014	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	1/18/2015	6.3	6.3	0.10	4.31	12116	74.2994%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.719658558
USGS 05439000	7/3/1930	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	7/12/1931	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	8/21/1982	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	10/25/1982	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	11/5/1983	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	11/11/1983	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	8/10/1986	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	8/16/1986	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	7/8/1987	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	7/12/1987	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	9/14/1990	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	9/16/1990	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	9/16/1991	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	1/30/1996	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	7/25/1997	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	11/2/2003	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	7/21/2006	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	10/30/2007	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	11/22/2010	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	12/1/2010	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	7/29/2013	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	8/27/2014	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	1/19/2015	6.2	6.2	0.10	4.30	12165	74.5999%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.704821652
USGS 05439000	9/13/1981	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	9/14/1981	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	9/23/1984	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	7/23/1985	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	11/29/1989	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/10/1991	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	11/14/1991	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	8/9/1992	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	10/28/1995	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	10/17/1996	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	10/23/1999	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	9/26/2001	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	4/15/2003	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	8/18/2005	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	3/27/2006	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	11/4/2007	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	8/12/2009	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	9/21/2009	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	6/26/2012	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	11/20/2013	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	10/6/2014	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	11/15/2015	6.1	6.1	0.10	4.29	12188	74.7409%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.689984747
USGS 05439000	5/28/1926	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	6/2/1926	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	7/18/1927	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	8/20/1928	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	8/22/1928	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	8/23/1928	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	8/24/1928	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	10/30/1931	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	1/11/1933	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	1/12/1933	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	1/13/1933	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	6/20/1933	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	10/21/1979	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	9/18/1981	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	2/17/1982	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/10/1983	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	11/15/1983	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	8/16/1985	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	7/28/1987	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	10/1/1988	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	12/20/1988	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	9/12/1991	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	10/3/1991	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	6/10/1994	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	6/11/1994	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	7/27/1994	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	8/27/1994	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	10/7/1994	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	3/17/1996	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	3/23/1996	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	9/16/1996	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	9/17/1996	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	9/20/1996	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	11/5/1996	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	11/6/1996	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	10/26/1997	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	10/2/1998	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	10/19/1999	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	12/13/1999	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	1/10/2000	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	2/21/2000	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	9/30/2000	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	7/13/2001	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	12/30/2003	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	11/2/2007	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	11/10/2007	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	12/7/2007	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/25/2009	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	9/6/2010	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	7/2/2012	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	7/31/2013	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	1/20/2015	6	6	0.10	4.28	12210	74.8758%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.675147841
USGS 05439000	10/1/1930	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	8/22/1982	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	10/17/1985	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	7/9/1987	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	7/13/1987	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	12/9/1988	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	9/19/1990	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	10/4/1990	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	10/8/1990	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	6/30/1992	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	10/29/1995	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	10/8/1998	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	12/19/2002	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	4/12/2003	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	4/13/2003	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	4/14/2003	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	12/30/2004	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	1/9/2005	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	11/1/2006	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	11/3/2007	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	11/13/2007	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	11/14/2007	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	10/25/2010	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	10/11/2011	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	10/27/2011	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	10/16/2012	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	10/24/2012	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/16/2015	5.9	5.9	0.10	4.28	12262	75.1947%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.660310935
USGS 05439000	10/24/1931	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	9/15/1981	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	9/19/1981	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	1/8/1982	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	10/7/1982	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	8/8/1983	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	2/24/1987	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	6/22/1988	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	8/12/1988	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	8/7/1991	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	8/30/1991	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	7/1/1992	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	11/2/1996	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	12/7/1996	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	10/17/1999	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	8/16/2000	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	9/20/2000	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	7/19/2003	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	12/31/2003	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	12/20/2004	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	6/16/2005	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	11/16/2006	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	10/7/2011	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	11/21/2013	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	1/21/2015	5.8	5.8	0.10	4.27	12290	75.3664%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.64547403
USGS 05439000	1/24/1926	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	7/18/1926	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	7/24/1926	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	8/14/1926	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	1/20/1927	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	1/21/1927	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/22/1927	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	7/13/1927	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	9/15/1927	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	6/9/1928	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	9/13/1928	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	9/17/1928	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	8/12/1929	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	11/9/1932	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	6/21/1933	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	7/25/1933	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	11/1/1979	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	7/30/1981	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	8/8/1981	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	7/27/1985	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	7/11/1991	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	10/9/1991	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	11/10/1991	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	7/28/1994	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	8/25/1994	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	10/1/1996	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	10/19/1996	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	7/19/1997	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	8/19/1997	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	10/28/1997	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	7/24/2004	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	6/17/2005	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	10/29/2007	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	11/7/2007	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	11/8/2007	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	11/18/2007	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	8/9/2008	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	9/20/2009	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/23/2011	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	6/30/2012	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	8/31/2014	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	9/12/2015	5.7	5.7	0.10	4.26	12315	75.5197%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.630637124
USGS 05439000	10/21/1929	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	6/18/1930	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	8/8/1985	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	11/11/1991	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	3/18/1996	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	12/5/1996	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	7/16/1997	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	7/29/1999	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	10/22/1999	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	12/17/1999	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	12/20/1999	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	8/20/2000	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	9/15/2000	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	9/18/2001	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	4/11/2003	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	12/25/2003	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	8/3/2004	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	12/8/2007	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	8/6/2009	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	8/16/2012	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	9/2/2013	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	8/16/2014	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	8/28/2014	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	9/1/2014	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	3/9/2015	5.6	5.6	0.10	4.25	12357	75.7773%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.615800218
USGS 05439000	10/29/1932	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	7/30/1980	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	8/24/1982	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/8/1982	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	10/26/1982	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	10/30/1982	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	10/31/1982	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	8/9/1983	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	10/24/1984	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	12/15/1988	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	1/1/1989	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	7/14/1991	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	8/9/1991	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	6/28/1992	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	6/29/1992	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	7/30/1995	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	10/8/1995	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	10/22/1996	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	10/18/1999	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	12/4/1999	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	12/21/1999	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	7/14/2001	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	1/3/2006	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	11/17/2007	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	8/11/2008	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	9/23/2009	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	8/25/2010	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	10/10/2011	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	10/31/2011	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	11/13/2014	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	1/22/2015	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	1/23/2015	5.5	5.5	0.10	4.24	12382	75.9306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.600963313
USGS 05439000	11/20/1925	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	12/14/1925	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	1/10/1926	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	5/29/1926	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	6/14/1928	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	8/13/1929	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	8/1/1980	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	10/12/1983	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	7/14/1984	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	7/24/1985	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	8/11/1986	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	8/10/1987	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	12/13/1988	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	12/21/1988	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	11/9/1991	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	3/21/1996	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	12/6/1996	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	12/9/1996	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	8/10/1998	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	7/30/1999	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	1/11/2000	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	10/2/2000	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	8/5/2004	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	2/5/2007	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	11/16/2007	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	11/19/2007	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	8/3/2008	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	9/13/2009	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	12/26/2010	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	10/9/2011	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	6/27/2012	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	2/6/2013	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	11/10/2013	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	2/26/2014	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	11/16/2014	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/24/2015	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	1/25/2015	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	1/26/2015	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	1/27/2015	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	1/28/2015	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	8/17/2015	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	8/22/2015	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	9/2/2015	5.4	5.4	0.10	4.23	12414	76.1268%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.586126407
USGS 05439000	10/23/1930	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	10/24/1930	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	10/25/1930	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	10/26/1930	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	2/28/1931	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	3/1/1931	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	3/3/1931	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	7/13/1931	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	10/20/1931	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	10/31/1931	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	8/4/1981	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	8/11/1981	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	8/12/1981	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	8/13/1981	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	8/17/1985	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	7/10/1987	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	7/16/1987	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	6/24/1988	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	12/10/1988	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	9/17/1990	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	7/10/1992	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	8/30/1992	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	3/19/1996	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	7/15/2002	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/17/2006	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	9/1/2010	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	10/22/2011	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	8/4/2012	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	3/9/2014	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	11/18/2014	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	1/29/2015	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	1/30/2015	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	1/31/2015	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	2/1/2015	5.3	5.3	0.10	4.22	12457	76.3905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.571289501
USGS 05439000	6/23/1932	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	10/10/1932	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	11/12/1932	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	12/21/1932	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	8/23/1982	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	10/26/1983	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	8/12/1986	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	8/20/1988	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	12/8/1989	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	12/31/1989	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	7/18/1991	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	8/10/1991	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	11/12/1991	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	8/30/1994	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	9/10/1994	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	11/3/1996	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	9/3/1998	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	9/30/1998	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	8/27/2002	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	4/2/2003	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	4/20/2003	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	1/13/2004	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/18/2005	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	7/15/2006	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	10/23/2006	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	11/2/2006	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	12/9/2007	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	7/21/2012	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	8/12/2013	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	9/9/2014	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	2/2/2015	5.2	5.2	0.10	4.21	12491	76.5990%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.556452596
USGS 05439000	1/25/1926	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	7/19/1926	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	7/25/1926	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	7/14/1927	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	6/10/1928	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	8/25/1928	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	9/3/1928	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	9/12/1928	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	8/1/1929	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	8/9/1929	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	6/5/1931	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	10/23/1931	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	11/7/1931	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	7/26/1933	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	9/26/1984	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	8/17/1986	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	7/6/1989	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	8/31/1991	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	9/8/1995	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	11/4/1996	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	7/30/1998	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	12/18/1999	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	12/19/1999	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/10/2001	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	11/18/2006	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	8/20/2014	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	2/3/2015	5.1	5.1	0.10	4.20	12522	76.7891%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.54161569
USGS 05439000	2/2/1928	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	2/3/1928	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	11/29/1930	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	1/24/1931	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	2/11/1931	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	2/27/1931	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	3/4/1931	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	10/20/1979	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	7/31/1980	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	9/20/1981	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	10/29/1983	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	11/6/1983	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	11/7/1983	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	11/8/1983	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	11/12/1983	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	11/16/1983	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	7/15/1984	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	8/13/1986	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	7/14/1987	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	7/19/1988	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	7/7/1989	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	9/20/1990	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	9/24/1990	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	7/15/1991	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	9/6/1991	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	8/2/1995	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	8/4/1995	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	8/21/1995	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/21/1995	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	9/19/1996	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	9/23/1996	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	12/10/1996	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	10/13/1997	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	10/9/1998	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	10/4/2001	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	10/5/2002	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	12/21/2004	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	12/13/2010	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	12/28/2010	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	8/29/2011	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	10/30/2011	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	8/1/2013	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	2/4/2015	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	2/5/2015	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	2/6/2015	5	5	0.10	4.19	12549	76.9547%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.526778784
USGS 05439000	7/14/1931	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	7/15/1931	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	11/1/1931	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	7/5/1932	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	10/30/1932	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	8/25/1982	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	10/28/1982	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	8/10/1983	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	8/18/1985	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	10/5/1990	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	7/17/1991	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	7/24/1991	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	11/13/1991	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	7/11/1992	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	7/31/1995	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/16/1996	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	10/18/1996	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	11/8/1996	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	12/8/1996	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	7/20/1997	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	10/21/1999	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	10/30/1999	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	7/15/2001	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	7/20/2003	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	12/27/2003	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	1/14/2004	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	11/5/2004	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	6/19/2005	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	8/13/2009	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	12/2/2010	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	11/1/2011	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	8/17/2014	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	9/21/2014	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	10/7/2014	4.9	4.9	0.10	4.18	12594	77.2306%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.511941879
USGS 05439000	12/15/1925	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	6/3/1926	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	7/19/1927	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	6/11/1928	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	6/12/1928	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	6/15/1928	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	6/16/1928	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	7/4/1930	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	7/15/1930	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	10/2/1930	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	2/17/1931	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	2/18/1931	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	2/26/1931	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	3/2/1931	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	6/22/1933	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	1/9/1982	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	7/17/1987	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	7/29/1987	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	7/17/1989	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	12/9/1989	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	8/27/1992	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	8/5/1995	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	9/18/1996	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	10/20/1999	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	10/31/1999	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	1/4/2000	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	1/12/2000	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	8/21/2000	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	9/19/2002	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	3/29/2003	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	4/19/2003	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	7/24/2003	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	7/25/2004	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	3/8/2006	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	9/24/2009	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	11/29/2010	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	12/22/2012	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	9/15/2013	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	9/16/2014	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	2/7/2015	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	2/8/2015	4.8	4.8	0.10	4.17	12628	77.4391%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.497104973
USGS 05439000	11/2/1931	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	11/4/1931	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	11/6/1931	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	10/4/1979	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/17/1979	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	11/16/1979	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	2/16/1982	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	8/11/1987	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	6/23/1988	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	6/25/1988	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	12/11/1988	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	12/25/1988	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	9/18/1990	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	8/29/1991	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	10/27/1991	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	8/10/1992	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	3/20/1996	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	9/21/1996	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	11/9/1996	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	8/24/1998	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	10/24/1999	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	10/29/1999	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	11/3/1999	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	11/12/1999	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	11/5/2000	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	7/24/2001	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	8/16/2001	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	12/26/2003	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	1/12/2004	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	12/29/2004	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	9/14/2009	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	8/26/2010	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	8/31/2010	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	9/7/2010	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	12/29/2010	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	6/28/2012	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/2/2013	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	8/25/2013	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	2/9/2015	4.7	4.7	0.10	4.16	12669	77.6906%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.482268067
USGS 05439000	6/29/1932	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	7/13/1932	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	11/11/1932	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	9/16/1981	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	9/9/1982	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	10/27/1982	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	7/28/1985	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	8/9/1985	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	8/12/1985	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	8/19/1986	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	2/15/1987	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	8/19/1988	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	10/18/1988	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	7/9/1989	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	12/27/1989	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	12/30/1989	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	9/25/1990	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	7/12/1991	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	10/10/1991	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	7/29/1994	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	9/29/1994	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	10/4/1994	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	10/5/1994	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	8/6/1995	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	10/10/1995	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	1/31/1996	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	9/22/1996	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	9/17/1998	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	8/26/1999	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/2/1999	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	9/27/2001	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	10/24/2004	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	11/3/2004	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	11/20/2004	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	6/30/2005	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	8/10/2008	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	8/31/2011	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	12/16/2012	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	9/2/2014	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	2/10/2015	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	2/11/2015	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	2/12/2015	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	2/13/2015	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	2/14/2015	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	2/15/2015	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	2/16/2015	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	2/17/2015	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	2/18/2015	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	8/23/2015	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	9/3/2015	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	9/24/2015	4.6	4.6	0.10	4.15	12708	77.9297%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.467431162
USGS 05439000	1/26/1926	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	2/11/1926	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	7/26/1926	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	8/15/1926	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	9/5/1928	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	9/6/1928	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	9/10/1928	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	9/11/1928	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	9/18/1928	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	6/19/1930	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/5/1930	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	12/15/1930	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	11/5/1931	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	6/23/1933	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	6/26/1933	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	7/27/1933	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	9/21/1981	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	9/25/1981	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	1/10/1982	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	10/3/1983	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	9/1/1984	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	10/25/1984	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	7/18/1987	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	8/18/1988	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	12/12/1988	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	1/2/1989	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	12/28/1989	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	12/29/1989	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	7/21/1991	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	7/29/1991	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	8/2/1991	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	9/17/1991	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	2/6/1996	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	11/18/1996	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	11/4/1999	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	8/25/2000	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	8/27/2004	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	12/22/2004	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	6/20/2005	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	10/11/2006	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	8/30/2010	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	10/28/2011	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/3/2013	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	8/18/2014	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	8/19/2014	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	11/14/2014	4.5	4.5	0.10	4.14	12759	78.2425%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.452594256
USGS 05439000	6/25/1932	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	12/18/1932	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	12/19/1932	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	10/23/1979	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	11/2/1979	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	7/31/1981	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	1/11/1982	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	12/26/1989	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	7/16/1991	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	8/3/1991	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	10/26/1991	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	8/11/1992	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	9/8/1992	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	10/2/1994	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	10/3/1994	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	8/1/1995	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	10/5/1995	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	11/10/1996	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	11/22/1996	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	1/13/2000	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	8/17/2002	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	11/20/2003	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	11/25/2004	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	2/2/2006	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	7/22/2006	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	10/28/2010	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	10/25/2012	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	2/27/2014	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/19/2015	4.4	4.4	0.10	4.13	12805	78.5246%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.43775735
USGS 05439000	11/12/1925	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	1/12/1926	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	2/17/1926	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	7/20/1927	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	10/21/1931	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	11/3/1931	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	11/10/1931	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	6/24/1933	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	6/25/1933	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	1/12/1982	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	1/20/1982	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	11/18/1983	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	10/26/1984	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	8/11/1985	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	7/8/1989	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	12/15/1989	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	12/16/1989	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	12/17/1989	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	8/28/1991	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	8/12/1992	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	8/5/1994	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	10/4/1998	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	10/25/1999	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	1/9/2000	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	1/14/2000	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	1/15/2000	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	1/16/2000	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	1/17/2000	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	1/23/2000	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	10/11/2001	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	9/20/2002	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/15/2004	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	12/28/2004	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	6/21/2005	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	6/22/2005	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	11/3/2006	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	7/25/2012	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	10/26/2012	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	11/11/2013	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	11/22/2013	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	9/17/2014	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	2/20/2015	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	2/21/2015	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	2/22/2015	4.3	4.3	0.10	4.12	12834	78.7024%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.422920445
USGS 05439000	8/26/1928	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	8/27/1928	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	10/17/1928	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	7/6/1930	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	7/8/1930	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	10/27/1930	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	12/16/1930	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	2/16/1931	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	2/24/1931	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	2/25/1931	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	3/5/1931	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	10/12/1979	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	11/7/1979	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	1/21/1982	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	2/15/1982	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	8/26/1982	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	9/8/1982	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	9/14/1982	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	10/12/1982	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/19/1985	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	10/5/1985	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	8/18/1986	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	8/27/1986	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	9/13/1986	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	8/12/1987	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	12/26/1988	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	12/14/1989	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	12/18/1989	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	12/19/1989	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	12/20/1989	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	12/21/1989	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	12/25/1989	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	7/30/1994	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	8/3/1994	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	10/1/1994	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	7/31/1998	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	11/1/1999	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	11/24/1999	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	1/5/2000	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	1/18/2000	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	1/22/2000	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	1/24/2000	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	8/22/2000	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	8/26/2000	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	4/18/2003	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	7/31/2003	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	1/1/2004	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	12/23/2004	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	7/16/2006	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	10/4/2006	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	10/21/2006	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/19/2006	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	8/16/2009	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	8/27/2010	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	8/28/2010	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	8/29/2010	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	8/3/2013	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	9/3/2014	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	11/20/2014	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	3/8/2015	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	9/13/2015	4.2	4.2	0.10	4.11	12878	78.9722%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.408083539
USGS 05439000	10/22/1931	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	6/24/1932	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	7/4/1932	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	11/13/1932	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	1/13/1982	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	1/19/1982	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	1/28/1982	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	8/17/1983	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	10/27/1983	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	11/17/1983	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	7/16/1984	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	12/13/1989	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	12/22/1989	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	12/23/1989	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	9/26/1990	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	8/14/1991	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	8/28/1994	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	8/31/1994	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	10/30/1995	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	11/23/1996	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	8/11/1998	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	7/31/1999	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/5/1999	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	11/6/1999	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	11/23/1999	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	1/19/2000	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	7/16/2002	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	10/25/2002	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	1/11/2004	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	8/21/2005	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	2/3/2006	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	9/25/2009	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	11/24/2010	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	10/29/2011	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	8/17/2012	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	2/28/2014	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	11/15/2014	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	2/23/2015	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	2/24/2015	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	3/7/2015	4.1	4.1	0.10	4.10	12939	79.3463%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.393246633
USGS 05439000	7/20/1926	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	8/16/1926	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	8/14/1929	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	9/30/1929	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	10/28/1930	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	11/16/1930	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	12/17/1930	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	2/23/1931	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	3/6/1931	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	9/17/1981	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	1/14/1982	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	1/22/1982	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	1/29/1982	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	8/27/1982	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/10/1982	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	8/12/1983	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	9/23/1983	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	9/8/1985	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	8/23/1986	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	8/24/1986	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	6/29/1988	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	12/16/1988	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	12/19/1988	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	12/10/1989	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	12/12/1989	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	12/24/1989	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	7/13/1991	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	7/19/1991	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	7/26/1991	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	9/1/1991	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	11/21/1996	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	10/26/1999	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	11/19/1999	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	12/22/1999	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	1/21/2000	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	1/25/2000	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	2/1/2000	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	2/20/2000	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	9/10/2001	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	12/27/2004	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	6/23/2005	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	7/5/2005	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	8/14/2009	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	8/30/2011	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	7/9/2012	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	1/14/2013	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/25/2015	4	4	0.10	4.09	12979	79.5916%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.378409728
USGS 05439000	9/8/1928	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	9/9/1928	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	9/14/1928	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	11/8/1931	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	11/9/1931	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	10/11/1979	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	10/29/1979	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	1/18/1982	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	1/23/1982	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	1/30/1982	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	1/31/1982	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	2/14/1982	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	9/8/1984	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	8/30/1985	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	1/3/1989	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	12/11/1989	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	7/20/1991	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	7/25/1991	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	8/31/1992	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	9/30/1994	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	10/6/1994	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	11/11/1996	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	7/17/1997	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	11/9/1999	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	12/3/1999	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	1/26/2000	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	1/31/2000	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	8/23/2000	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	8/29/2000	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	10/6/2001	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	11/6/2003	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/2/2004	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	12/24/2004	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	7/1/2005	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	8/16/2011	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	10/13/2012	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	3/1/2014	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	3/2/2014	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	3/3/2014	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	11/21/2014	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	2/26/2015	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	2/27/2015	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	2/28/2015	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	3/1/2015	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	3/2/2015	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	3/3/2015	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	3/4/2015	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	3/5/2015	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	3/6/2015	3.9	3.9	0.10	4.08	13026	79.8798%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.363572822
USGS 05439000	11/21/1925	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	12/16/1925	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	1/11/1926	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	1/27/1926	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	3/31/1926	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	8/7/1927	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	8/8/1927	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	8/9/1927	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	8/10/1927	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	7/7/1930	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	7/16/1930	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	12/18/1930	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	12/19/1930	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	2/12/1931	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/13/1931	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	2/15/1931	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	2/19/1931	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	8/31/1932	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	10/31/1932	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	12/7/1932	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	12/17/1932	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	12/20/1932	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	7/28/1933	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	1/15/1982	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	1/27/1982	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	2/1/1982	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	2/2/1982	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	2/3/1982	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	2/13/1982	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	9/1/1982	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	9/2/1982	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	9/6/1982	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	9/7/1982	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	9/13/1982	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	8/11/1983	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	8/25/1983	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	9/15/1983	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	9/6/1985	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	8/25/1986	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	9/3/1986	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	7/19/1987	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	7/23/1987	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	6/28/1988	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	8/17/1991	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	8/26/1991	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	10/28/1991	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/24/1996	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	8/30/1998	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	10/28/1999	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	11/8/1999	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	11/13/1999	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	1/20/2000	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	1/30/2000	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	2/2/2000	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	8/24/2000	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	9/21/2000	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	9/28/2001	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	12/25/2004	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	12/26/2004	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	6/24/2005	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	7/23/2006	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	10/24/2006	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	10/25/2006	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	9/15/2009	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	9/26/2009	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	9/6/2012	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	3/4/2014	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	3/5/2014	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	3/6/2014	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	3/7/2014	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	3/8/2014	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	9/19/2014	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	10/8/2014	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	11/19/2014	3.8	3.8	0.10	4.08	13075	80.1803%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.348735916
USGS 05439000	9/1/1931	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	9/22/1981	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	1/16/1982	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	1/17/1982	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/24/1982	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	2/4/1982	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	2/5/1982	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	2/6/1982	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	2/7/1982	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	2/8/1982	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	2/11/1982	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	2/12/1982	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	11/13/1983	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	11/14/1983	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	7/17/1984	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	8/20/1985	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	8/25/1985	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	8/29/1985	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	8/20/1986	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	8/22/1986	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	8/28/1986	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	11/5/1988	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	9/2/1992	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	2/1/1996	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	10/6/1996	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	10/10/1998	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	10/27/1999	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	11/27/1999	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	1/6/2000	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	1/8/2000	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	1/27/2000	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	1/29/2000	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	2/10/2000	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	2/11/2000	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	2/13/2000	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	10/9/2001	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/28/2002	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	7/26/2004	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	8/4/2006	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	8/15/2009	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	9/8/2010	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	10/30/2013	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	11/4/2013	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	11/12/2013	3.7	3.7	0.10	4.07	13149	80.6341%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.333899011
USGS 05439000	7/27/1926	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	8/17/1926	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	8/29/1928	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	6/20/1930	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	10/29/1930	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	10/30/1930	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	11/20/1930	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	12/20/1930	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	1/23/1931	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	2/14/1931	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	2/20/1931	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	7/6/1932	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	9/15/1932	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	11/14/1932	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	11/15/1932	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	8/1/1981	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	9/23/1981	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	1/25/1982	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	1/26/1982	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	2/9/1982	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	2/10/1982	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	9/3/1982	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	9/18/1982	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	8/26/1985	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/20/1987	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	7/20/1988	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	7/25/1988	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	1/4/1989	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	10/18/1991	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	8/28/1992	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	8/10/1995	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	10/2/1996	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	10/3/1996	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	10/24/1996	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	11/12/1996	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	7/22/1997	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	7/24/1997	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	10/29/1997	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	8/1/1998	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	11/10/1999	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	11/16/1999	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	12/23/1999	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	1/28/2000	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	2/3/2000	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	2/14/2000	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	2/16/2000	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	8/30/2000	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	7/18/2001	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	7/19/2001	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	3/22/2003	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	1/3/2004	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	6/25/2005	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	7/26/2006	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	10/18/2006	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	11/4/2006	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	8/22/2008	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/6/2008	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	9/19/2011	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	7/3/2012	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	9/7/2012	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	9/18/2014	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	9/4/2015	3.6	3.6	0.10	4.06	13193	80.9039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.319062105
USGS 05439000	7/21/1927	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	7/16/1931	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	9/27/1984	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	7/29/1985	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	7/30/1985	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	8/21/1985	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	12/17/1988	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	1/5/1989	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	1/8/1989	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	9/27/1990	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	10/7/1990	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	7/28/1991	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	9/18/1991	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	9/24/1991	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	9/26/1991	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	9/29/1991	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	10/11/1991	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	10/14/1991	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	10/19/1991	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	8/13/1992	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	7/31/1994	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	10/9/1995	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	10/23/1995	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	11/24/1996	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	11/7/1999	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	11/20/1999	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/26/1999	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	1/3/2000	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	2/4/2000	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	2/5/2000	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	2/9/2000	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	2/12/2000	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	2/15/2000	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	2/17/2000	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	2/18/2000	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	2/19/2000	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	11/13/2002	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	11/14/2002	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	4/3/2003	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	9/14/2006	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	7/27/2012	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	1/17/2014	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	2/19/2014	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	9/25/2015	3.5	3.5	0.10	4.05	13255	81.2841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.304225199
USGS 05439000	11/25/1925	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	2/12/1926	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	10/1/1979	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	10/5/1979	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	10/19/1979	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	10/30/1979	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	11/8/1979	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	11/10/1979	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	11/18/1979	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	11/19/1979	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	11/20/1979	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	8/28/1982	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	8/13/1983	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	8/18/1983	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/19/1984	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	8/23/1985	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	12/18/1988	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	1/6/1989	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	10/6/1990	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	7/30/1991	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	8/27/1991	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	9/23/1991	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	9/27/1991	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	9/3/1992	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	8/6/1994	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	8/7/1995	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	9/22/1995	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	10/4/1996	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	10/20/1996	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	8/12/1998	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	9/18/1998	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	8/23/1999	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	11/18/1999	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	12/26/1999	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	1/7/2000	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	2/6/2000	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	2/7/2000	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	7/16/2001	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	10/7/2001	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	10/8/2001	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	4/21/2003	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	11/26/2004	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	7/17/2006	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	9/24/2006	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	11/20/2006	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	9/16/2009	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/25/2010	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	9/8/2012	3.4	3.4	0.10	4.04	13299	81.5539%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.289388294
USGS 05439000	9/7/1928	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	9/19/1928	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	9/4/1930	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	10/3/1930	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	10/31/1930	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	11/1/1930	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	11/17/1930	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	12/21/1930	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	2/22/1931	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	6/30/1932	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	7/14/1932	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	6/27/1933	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	9/24/1981	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	10/28/1983	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	10/31/1983	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	7/21/1984	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	8/29/1986	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	1/7/1989	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	7/27/1991	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	9/21/1991	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	10/24/1991	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	8/29/1994	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	8/22/1995	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	10/11/1995	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	9/25/1996	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	10/5/1996	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	10/25/1996	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	11/19/1996	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	11/5/1997	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	10/15/1998	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/1/1999	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	11/15/1999	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	11/17/1999	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	12/24/1999	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	12/27/1999	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	2/8/2000	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	9/29/2001	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	9/30/2001	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	8/1/2002	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	7/27/2004	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	11/6/2004	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	10/19/2006	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	8/12/2008	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	9/27/2009	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	8/1/2012	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	9/19/2012	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	10/27/2012	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	12/15/2012	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	8/4/2013	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	8/5/2013	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	9/3/2013	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	10/12/2013	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	11/5/2013	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	11/26/2013	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	10/27/2015	3.3	3.3	0.10	4.03	13347	81.8483%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.274551388
USGS 05439000	12/17/1925	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	7/21/1926	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	7/28/1926	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	7/29/1926	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	8/15/1929	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	10/24/1979	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	10/31/1979	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/9/1979	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	9/4/1982	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	9/11/1982	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	8/27/1983	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	9/10/1983	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	10/4/1983	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	10/13/1983	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	7/18/1984	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	7/26/1984	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	8/22/1985	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	8/28/1985	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	9/1/1986	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	6/26/1988	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	6/30/1988	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	9/25/1991	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	9/28/1991	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	10/13/1991	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	9/5/1994	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	10/15/1995	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	10/13/1996	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	7/23/1997	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	8/27/1998	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	9/29/1998	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	8/27/1999	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	11/14/1999	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	11/25/1999	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	12/25/1999	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	12/28/1999	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	12/31/1999	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	1/1/2000	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	1/2/2000	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	4/27/2003	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/25/2003	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	8/6/2004	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	8/29/2004	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	6/26/2005	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	11/5/2006	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	11/24/2006	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	9/28/2009	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	12/3/2010	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	12/14/2010	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	7/22/2012	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	11/23/2013	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	11/25/2013	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	12/20/2013	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	8/24/2015	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	9/14/2015	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	10/25/2015	3.2	3.2	0.10	4.02	13402	82.1856%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.259714482
USGS 05439000	9/25/1931	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	10/4/1932	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	11/1/1932	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	7/29/1933	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	8/3/1933	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	9/2/1986	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	7/10/1989	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	10/1/1990	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	8/19/1991	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	9/10/1991	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	10/12/1991	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	8/14/1992	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	10/25/1995	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	11/13/1996	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	11/20/1996	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	8/20/1997	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/2/1997	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	11/29/1997	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	11/30/1997	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	10/11/1998	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	11/28/1999	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	12/29/1999	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	12/30/1999	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	11/12/2002	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	1/10/2004	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	1/16/2004	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	6/27/2005	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	7/24/2006	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	9/9/2010	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	10/29/2010	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	12/4/2010	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	9/1/2011	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	12/23/2012	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	10/9/2014	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	10/11/2014	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	9/5/2015	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	9/26/2015	3.1	3.1	0.10	4.01	13457	82.5228%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.244877577
USGS 05439000	11/11/1925	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	11/22/1925	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	9/28/1927	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	8/28/1928	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	8/16/1929	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	8/17/1929	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	10/16/1929	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	10/17/1929	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	10/18/1929	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	10/19/1929	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	10/20/1929	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	6/21/1930	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	7/17/1930	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	12/22/1930	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	7/17/1931	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	8/29/1982	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	8/31/1982	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	9/12/1982	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	9/16/1982	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	8/28/1983	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	8/31/1985	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	9/1/1985	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	9/2/1985	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	9/9/1985	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	10/6/1985	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	8/21/1986	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	8/30/1986	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	7/21/1987	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	7/22/1987	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	7/24/1987	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	9/28/1990	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	9/29/1990	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	10/2/1990	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	8/6/1991	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	9/7/1991	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	9/19/1991	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	9/22/1991	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	10/20/1991	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	10/21/1991	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	9/1/1994	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	10/1/1995	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	8/2/1998	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	11/22/1999	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/28/2000	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	8/18/2001	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	3/26/2003	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	3/30/2003	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	8/12/2004	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	7/2/2005	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	7/21/2005	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	7/27/2005	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	2/4/2006	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	11/6/2006	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	11/7/2006	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	11/8/2006	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	9/17/2009	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	9/19/2009	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	9/10/2010	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	8/17/2011	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	1/10/2013	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	12/23/2013	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	10/10/2014	3	3	0.10	4.00	13494	82.7497%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.230040671
USGS 05439000	10/25/1979	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	10/27/1979	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	10/28/1979	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	11/6/1979	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	11/11/1979	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	11/17/1979	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	8/14/1983	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	8/19/1983	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	9/16/1983	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	8/27/1985	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	9/3/1985	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	9/11/1985	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	9/21/1985	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/31/1986	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	9/4/1986	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	9/6/1986	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	7/5/1988	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	9/30/1990	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	10/23/1991	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	8/15/1992	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	8/29/1992	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	9/3/1994	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	10/17/1995	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	10/11/1996	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	10/12/1996	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	11/14/1996	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	11/15/1996	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	11/16/1996	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	11/29/1996	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	10/1/1998	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	11/21/1999	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	7/20/2001	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	7/19/2002	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	11/6/2002	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	8/3/2003	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	1/4/2004	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	8/11/2004	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	11/8/2004	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	7/6/2005	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	8/19/2005	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	11/9/2006	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	11/21/2006	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	10/12/2010	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	9/4/2011	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	8/26/2013	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/10/2014	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	9/20/2014	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	9/22/2014	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	9/15/2015	2.9	2.9	0.10	3.99	13556	83.1299%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.215203765
USGS 05439000	1/28/1926	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	8/18/1926	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	8/19/1926	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	6/22/1930	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	11/2/1930	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	12/23/1930	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	2/21/1931	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	8/30/1982	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	10/6/1982	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	10/17/1982	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	9/2/1983	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	9/24/1983	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	7/19/1984	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	8/17/1984	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	9/14/1984	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	9/4/1985	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	9/5/1985	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	9/7/1986	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	7/25/1987	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	8/5/1991	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	9/20/1991	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	8/23/1995	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	10/21/1995	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	2/2/1996	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	10/14/1996	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	11/27/1996	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	8/31/1998	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	11/29/1999	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/27/2000	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	10/1/2001	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	11/10/2002	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	11/11/2002	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	4/1/2003	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	7/28/2003	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	11/21/2003	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	12/5/2003	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	7/28/2004	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	8/28/2004	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	6/28/2005	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	9/24/2010	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	12/5/2010	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	7/4/2012	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	1/15/2013	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	8/6/2013	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	10/13/2013	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	11/13/2013	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	12/22/2013	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	9/17/2015	2.8	2.8	0.10	3.98	13605	83.4304%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.20036686
USGS 05439000	7/22/1927	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	7/23/1927	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	7/24/1927	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	7/25/1927	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	7/26/1927	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	7/27/1927	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	8/11/1927	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	8/21/1929	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	8/22/1929	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	10/6/1979	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	10/7/1979	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	10/26/1979	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/13/1979	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	11/14/1979	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	10/14/1983	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	9/10/1985	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	9/12/1985	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	9/13/1985	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	9/28/1985	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	9/5/1986	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	6/27/1988	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	7/1/1988	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	8/13/1988	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	7/31/1991	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	8/4/1991	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	8/20/1991	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	10/15/1991	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	10/22/1991	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	9/6/1992	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	9/7/1992	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	9/2/1994	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	10/22/1995	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	10/26/1995	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	10/10/1996	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	10/26/1996	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	10/27/1996	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	11/25/1996	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	7/17/2002	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	8/29/2002	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	10/6/2002	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	11/7/2002	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	1/17/2004	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	11/7/2004	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	11/24/2004	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/29/2005	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	1/4/2006	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	7/18/2006	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	11/22/2006	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	9/10/2008	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	9/18/2009	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	9/3/2011	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	8/6/2012	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	9/16/2013	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	9/23/2014	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	10/12/2014	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	9/27/2015	2.7	2.7	0.10	3.97	13653	83.7248%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.185529954
USGS 05439000	11/26/1925	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	12/18/1925	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	2/13/1926	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	6/4/1926	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	6/5/1926	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	6/6/1926	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	6/7/1926	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	10/4/1930	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	11/3/1930	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	12/24/1930	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	7/20/1931	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	7/21/1931	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	7/1/1932	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	12/10/1932	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	12/11/1932	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	12/12/1932	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	12/14/1932	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	12/16/1932	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	6/28/1933	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	9/15/1982	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/13/1982	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	10/18/1982	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	8/29/1983	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	7/20/1984	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	7/24/1984	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	7/27/1984	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	9/8/1986	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	9/14/1986	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	8/16/1992	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	8/7/1994	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	9/6/1994	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	10/9/1996	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	11/7/1997	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	12/25/1997	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	9/7/1998	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	10/12/1998	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	12/2/1999	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	7/17/2001	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	10/2/2001	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	11/9/2002	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	8/4/2003	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	11/17/2003	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	11/21/2004	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	7/20/2005	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	11/23/2006	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	9/29/2009	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	7/10/2012	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	0.328	mg/L	0.289	28.3	7.003416332	6.170693048
USGS 05439000	7/10/2012	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	6.34	mg/L	0.289	28.3	135.3709132	6.170693048
USGS 05439000	10/4/2013	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	10/6/2013	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	12/21/2013	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048
USGS 05439000	9/28/2015	2.6	2.6	0.10	3.96	13709	84.0682%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.170693048

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/24/1925	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	11/27/1925	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	2/14/1926	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	8/18/1929	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	10/1/1929	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	10/8/1979	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	10/10/1979	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	10/18/1979	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	11/12/1979	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	8/15/1983	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	8/16/1983	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	8/20/1983	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	9/19/1985	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	9/16/1986	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	8/21/1988	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	9/11/1991	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	9/30/1991	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	10/17/1991	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	9/4/1994	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	8/11/1995	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	8/24/1995	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	9/20/1995	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	10/7/1996	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	10/28/1996	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	11/28/1996	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	8/13/1998	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	10/13/1998	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	10/16/1998	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	7/18/2002	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	7/27/2002	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	7/31/2002	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	11/8/2002	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	4/22/2003	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	1/9/2004	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	6/29/2005	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	7/27/2006	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	11/25/2006	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	8/13/2008	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	8/14/2012	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	9/9/2012	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	10/28/2012	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	12/24/2012	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	10/17/2013	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	10/18/2013	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	11/24/2013	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	12/24/2013	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	9/6/2015	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	9/7/2015	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	9/29/2015	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	10/2/2015	2.5	2.5	0.10	3.95	13761	84.3871%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.155856143
USGS 05439000	9/29/1929	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	6/23/1930	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	6/24/1930	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	9/5/1930	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	11/4/1930	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	11/18/1930	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	11/21/1930	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	12/25/1930	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	7/18/1931	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	7/2/1932	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	7/15/1932	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	11/2/1932	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	11/17/1932	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	12/15/1932	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/5/1979	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	8/24/1983	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	8/26/1983	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	8/30/1983	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	9/3/1983	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	9/7/1983	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	9/9/1983	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	9/25/1983	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	9/26/1983	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	9/27/1983	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	9/28/1983	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	10/16/1983	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	7/22/1984	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	9/17/1986	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	9/20/1986	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	8/24/1988	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	8/18/1991	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	10/16/1991	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	8/9/1995	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	10/8/1996	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	10/14/1997	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	10/17/1997	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	10/30/1997	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	10/31/1997	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	9/4/1998	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	11/30/1999	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	12/1/1999	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	7/22/2001	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	7/20/2002	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	8/7/2002	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	9/22/2002	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	12/20/2002	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/7/2003	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	11/22/2003	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	11/23/2003	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	1/5/2004	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	7/29/2004	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	7/26/2005	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	8/13/2005	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	9/25/2006	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	12/11/2010	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	7/11/2012	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	7/26/2012	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	9/4/2012	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	9/22/2012	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	1/16/2013	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	8/10/2013	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	8/13/2013	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	8/25/2015	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	8/26/2015	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	2.37	mg/L	0.289	28.3	50.36060758	6.141019237
USGS 05439000	10/26/2015	2.4	2.4	0.10	3.94	13811	84.6937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.141019237
USGS 05439000	11/10/1925	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	12/19/1925	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	1/16/1926	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	7/28/1927	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	8/19/1929	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	8/21/1983	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	9/11/1983	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	10/30/1983	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	8/15/1991	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	8/21/1991	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	9/8/1991	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	10/1/1991	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	9/11/1994	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/3/1996	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	11/3/1997	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	8/3/1998	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	9/1/1998	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	9/3/2000	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	9/4/2000	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	9/5/2000	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	7/21/2001	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	8/6/2001	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	11/5/2002	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	3/31/2003	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	10/15/2003	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	12/6/2003	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	8/7/2004	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	8/19/2004	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	8/25/2004	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	7/25/2006	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	9/19/2006	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	11/26/2006	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	11/13/2010	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	11/14/2010	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	12/6/2010	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	8/7/2013	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	11/14/2013	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	1/18/2014	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	1/19/2014	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	2/18/2014	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	9/30/2015	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	10/1/2015	2.3	2.3	0.10	3.93	13876	85.0923%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.126182331
USGS 05439000	10/16/1928	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	11/5/1930	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	11/6/1930	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/7/1930	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	11/8/1930	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	11/9/1930	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	11/10/1930	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	11/11/1930	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	11/19/1930	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	12/26/1930	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	3/7/1931	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	3/12/1931	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	11/5/1932	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	11/18/1932	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	12/8/1932	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	12/9/1932	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	10/9/1979	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	10/13/1979	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	11/3/1979	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	11/4/1979	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	9/5/1982	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	8/23/1983	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	8/31/1983	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	9/1/1983	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	9/4/1983	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	9/5/1983	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	7/25/1984	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	7/28/1984	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	9/7/1985	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	9/14/1985	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	9/20/1985	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	9/23/1985	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	10/7/1985	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	9/9/1986	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	9/10/1986	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/1/1992	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	8/8/1995	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	11/4/1997	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	8/2/1999	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	8/12/1999	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	8/31/2000	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	9/17/2000	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	7/30/2001	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	9/4/2001	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	10/3/2001	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	7/29/2002	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	8/18/2002	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	10/7/2002	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	3/23/2003	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	4/23/2003	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	7/26/2003	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	7/29/2003	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	11/24/2003	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	7/30/2004	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	10/31/2004	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	7/3/2005	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	12/1/2005	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	2/5/2006	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	7/19/2006	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	9/15/2006	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	10/20/2006	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	9/30/2009	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	9/11/2010	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	9/22/2010	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	11/6/2010	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	11/13/2012	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	8/8/2013	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/4/2013	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	11/16/2013	2.2	2.2	0.10	3.92	13918	85.3498%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.111345426
USGS 05439000	1/13/1926	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	2/15/1926	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	8/20/1929	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	9/9/1929	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	7/19/1931	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	7/22/1931	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	7/30/1933	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	8/2/1933	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	9/19/1982	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	10/15/1982	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	10/16/1982	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	8/22/1983	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	9/8/1983	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	9/14/1983	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	8/20/1984	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	9/15/1984	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	9/18/1985	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	10/2/1991	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	9/5/1992	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	9/9/1995	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	10/16/1995	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	10/15/1996	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	11/1/1997	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	9/19/1998	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	9/22/1998	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	8/10/1999	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	8/28/1999	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	8/19/2001	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	10/26/2002	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	3/27/2003	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/6/2004	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	1/8/2004	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	1/18/2004	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	7/31/2004	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	7/7/2005	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	8/5/2006	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	11/27/2006	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	8/14/2008	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	11/26/2010	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	8/18/2011	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	7/12/2012	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	9/15/2012	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	9/23/2012	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	8/9/2013	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	1/20/2014	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	10/23/2015	2.1	2.1	0.10	3.91	13987	85.7730%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.09650852
USGS 05439000	11/23/1925	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	11/28/1925	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	12/3/1925	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	1/14/1926	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	2/16/1926	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	6/8/1926	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/20/1928	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	6/25/1930	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	7/18/1930	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	11/12/1930	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	11/13/1930	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	11/14/1930	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	11/15/1930	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	12/27/1930	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	12/28/1930	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	11/3/1932	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/7/1932	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	12/6/1932	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	12/13/1932	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	7/31/1933	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	8/4/1933	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	10/14/1982	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/12/1983	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/13/1983	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/29/1983	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	10/1/1983	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	10/5/1983	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	10/6/1983	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	8/5/1984	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/6/1984	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/9/1984	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/11/1984	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/28/1984	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	10/11/1984	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/15/1985	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/17/1985	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/18/1986	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/19/1986	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	8/14/1988	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	8/25/1988	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	8/1/1991	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	8/22/1991	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/2/1991	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/4/1992	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/7/1994	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	2/4/1996	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	2/5/1996	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	12/1/1997	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/14/1998	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	8/7/1999	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/1/2000	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/19/2000	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	7/23/2001	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	10/30/2002	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	11/20/2002	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	11/21/2002	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	8/5/2003	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	11/8/2003	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	11/15/2003	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	8/13/2004	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	11/9/2004	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	2/6/2006	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/17/2006	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/26/2006	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	10/30/2010	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	11/7/2010	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	11/27/2010	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	7/28/2012	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	1/21/2014	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	8/28/2015	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	9/16/2015	2	2	0.10	3.90	14033	86.0551%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.081671614
USGS 05439000	7/29/1927	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	9/21/1928	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	9/21/1982	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	10/17/1983	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	10/19/1983	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	8/9/1984	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	8/23/1984	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	9/2/1984	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	9/4/1984	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/24/1985	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	9/30/1985	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	9/9/1991	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	8/25/1992	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	8/25/1995	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	8/26/1995	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	9/23/1995	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	10/19/1995	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	9/21/1998	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	8/3/1999	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	9/9/2000	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	9/10/2000	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	9/18/2000	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	8/30/2002	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	11/3/2002	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	11/19/2002	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	12/17/2002	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	4/24/2003	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	8/6/2003	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	11/14/2003	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	11/16/2003	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	8/8/2004	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	11/16/2005	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	9/10/2006	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	9/12/2008	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	9/21/2010	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	10/31/2010	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	11/1/2010	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	11/12/2010	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	11/16/2010	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	12/25/2010	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	9/2/2011	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/5/2011	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	7/5/2012	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	10/12/2012	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	12/9/2012	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	8/11/2013	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	1/22/2014	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	1/23/2014	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	1/24/2014	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	1/25/2014	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	9/24/2014	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	10/4/2015	1.9	1.9	0.10	3.89	14104	86.4905%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.066834709
USGS 05439000	11/29/1925	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	1/15/1926	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	9/22/1928	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	10/5/1928	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	10/14/1928	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	8/17/1930	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	11/22/1930	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	11/23/1930	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	11/24/1930	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	12/29/1930	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	7/16/1932	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	11/4/1932	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	11/6/1932	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	11/16/1932	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	11/19/1932	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	12/4/1932	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	10/7/1983	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	7/29/1984	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	8/6/1984	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	8/7/1984	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	8/10/1984	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/21/1984	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	8/22/1984	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	8/27/1984	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	8/28/1984	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	8/29/1984	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	8/31/1984	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	9/5/1984	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	9/7/1984	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	9/24/1984	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	9/29/1984	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	10/10/1984	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	10/16/1984	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	9/22/1985	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	9/15/1986	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	7/2/1988	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	8/22/1988	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	10/24/1988	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	11/6/1988	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	8/17/1992	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	8/8/1994	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	1/2/1998	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	8/16/1998	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	9/20/1998	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	9/2/2000	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	9/6/2000	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	7/21/2002	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	9/21/2002	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	10/9/2002	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	10/29/2002	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	11/22/2002	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	7/27/2003	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	9/27/2003	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/7/2004	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	8/1/2004	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	8/9/2004	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	8/17/2004	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	7/22/2005	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	8/22/2005	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	1/5/2006	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	2/8/2006	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	3/7/2006	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	7/28/2006	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	9/12/2010	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	9/23/2010	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	9/25/2010	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	11/5/2010	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	11/15/2010	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	11/17/2010	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	11/28/2010	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	12/15/2010	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	1/26/2013	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	11/27/2013	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	1/26/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	1/27/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	1/28/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	1/29/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	1/30/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	1/31/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	2/1/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	2/2/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	2/3/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	2/4/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	2/5/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	2/6/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/7/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	2/8/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	2/9/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	2/10/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	2/11/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	2/12/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	2/13/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	2/14/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	2/15/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	2/16/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	2/17/2014	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	8/27/2015	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	10/3/2015	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	10/5/2015	1.8	1.8	0.10	3.88	14156	86.8093%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.051997803
USGS 05439000	11/30/1925	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	12/1/1925	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	12/2/1925	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	1/29/1926	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	6/9/1926	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	8/12/1927	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	8/13/1927	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	8/14/1927	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	8/23/1929	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	9/8/1929	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	11/25/1930	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	12/30/1930	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	3/8/1931	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	3/11/1931	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	8/1/1933	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	9/29/1982	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	10/8/1983	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	10/9/1983	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/10/1983	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	10/18/1983	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	8/24/1984	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	8/30/1984	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	9/3/1984	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	9/10/1984	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	9/16/1984	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	10/3/1988	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	8/12/1995	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	8/13/1995	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	8/21/1997	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	12/26/1997	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	8/15/1998	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	9/10/1998	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	8/13/1999	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	9/8/2000	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	7/25/2001	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	7/28/2002	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	9/5/2002	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	9/18/2002	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	10/3/2002	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	10/19/2002	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	10/20/2002	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	11/1/2002	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	11/2/2002	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	11/4/2002	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	4/25/2003	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	7/30/2003	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	11/9/2003	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	11/25/2003	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	12/2/2003	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	1/19/2004	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/19/2004	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	11/22/2004	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	11/6/2005	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	1/1/2006	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	9/7/2006	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	8/15/2008	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	11/3/2010	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	11/11/2010	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	11/18/2010	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	11/19/2010	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	7/23/2012	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	9/24/2012	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	12/4/2013	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	10/6/2015	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	10/7/2015	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	10/8/2015	1.7	1.7	0.10	3.88	14255	87.4164%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.037160897
USGS 05439000	10/15/1928	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	7/23/1931	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	11/20/1932	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	10/14/1979	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	9/20/1982	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	9/22/1982	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	9/24/1982	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	9/28/1982	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	9/30/1982	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	10/2/1983	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	10/15/1983	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	7/23/1984	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	7/30/1984	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	8/8/1984	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	8/13/1984	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	8/14/1984	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/25/1984	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	9/30/1984	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	10/12/1984	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	9/27/1985	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	8/15/1988	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	8/27/1988	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	10/20/1997	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	8/14/1998	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	8/19/1998	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	8/20/1998	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	9/2/1998	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	9/5/1998	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	9/27/1998	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	8/8/1999	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	8/29/1999	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	9/8/2001	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	9/2/2002	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	10/21/2002	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	10/27/2002	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	10/31/2002	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	12/21/2002	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	3/24/2003	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	10/25/2003	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	8/30/2004	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	11/10/2004	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	11/23/2004	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	2/7/2006	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	2/9/2006	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	10/5/2006	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	10/12/2006	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	9/11/2008	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	9/19/2010	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/20/2010	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	11/2/2010	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	11/11/2012	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	12/10/2012	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	1/17/2013	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	10/3/2013	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	11/15/2013	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	12/5/2013	1.6	1.6	0.10	3.87	14321	87.8212%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.022323992
USGS 05439000	7/30/1927	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	8/15/1927	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	9/10/1929	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	10/2/1929	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	7/19/1930	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	12/31/1930	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	8/5/1933	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	8/17/1933	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	9/23/1982	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	10/11/1983	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	8/26/1984	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	9/12/1984	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	9/17/1984	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	9/18/1984	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	9/19/1984	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	10/2/1984	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	10/3/1984	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	10/7/1984	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	7/6/1988	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	9/12/1988	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	9/8/1994	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	9/12/1994	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	9/16/1997	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	9/26/1998	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/9/1999	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	8/3/2001	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	7/30/2002	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	8/31/2002	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	9/1/2002	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	10/22/2002	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	10/28/2002	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	11/18/2002	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	11/10/2003	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	11/26/2003	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	12/7/2003	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	1/20/2004	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	2/18/2004	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	8/2/2004	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	8/26/2004	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	9/5/2004	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	11/18/2004	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	9/16/2006	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	8/21/2008	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	11/10/2010	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	11/20/2010	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	8/18/2012	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	9/10/2012	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	6.78	mg/L	0.289	28.3	140.9368943	6.007487086
USGS 05439000	10/29/2012	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	12/17/2012	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	10/21/2015	1.5	1.5	0.10	3.86	14377	88.1646%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	6.007487086
USGS 05439000	11/4/1925	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	6/10/1926	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	7/31/1927	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/1/1927	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/2/1927	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/18/1927	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/26/1927	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/23/1928	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	10/13/1928	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/24/1929	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/25/1929	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/26/1929	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/27/1929	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/28/1929	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/29/1929	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/30/1929	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/31/1929	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/19/1929	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/25/1929	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	10/3/1929	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	10/14/1929	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	7/20/1930	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/6/1930	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/7/1930	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	10/5/1930	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	10/6/1930	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	1/1/1931	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	3/10/1931	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	7/24/1931	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/2/1931	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	10/16/1979	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	10/1/1982	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	10/5/1982	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/11/1984	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/12/1984	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/20/1984	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	10/4/1984	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	10/21/1988	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/9/1994	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/22/1994	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/27/1995	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/10/1995	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/24/1995	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	7/26/1997	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	12/11/1997	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	12/27/1997	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/17/1998	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/23/1998	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/8/1998	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/4/1999	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/6/1999	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/13/1999	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/6/2001	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/11/2001	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	10/8/2002	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	10/15/2002	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	10/18/2002	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	10/24/2002	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	4/28/2003	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/7/2003	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	10/26/2003	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	11/13/2003	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	12/3/2003	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/10/2004	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/24/2004	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	10/25/2004	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	7/8/2005	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	7/10/2005	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	11/15/2005	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	2/10/2006	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/29/2006	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/6/2006	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/27/2006	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/16/2008	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/7/2008	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/13/2010	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/26/2010	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	11/4/2010	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	11/8/2010	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	11/9/2010	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	11/21/2010	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	12/18/2010	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/19/2011	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/20/2011	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	7/29/2012	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	8/13/2012	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	12/25/2012	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	9/19/2013	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	10/5/2013	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	10/20/2015	1.4	1.4	0.10	3.85	14427	88.4712%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.99265018
USGS 05439000	12/20/1925	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	1/3/1926	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	10/15/1929	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	7/21/1930	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	7/22/1930	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	7/17/1932	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	11/21/1932	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	9/25/1982	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	9/27/1982	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	9/30/1983	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	9/21/1984	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	10/1/1984	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/5/1984	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	9/25/1985	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	9/29/1985	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	8/23/1988	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	9/4/1988	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	8/14/1995	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	8/28/1995	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	8/29/1995	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	10/9/1997	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	10/15/1997	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	12/3/1997	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	8/18/1998	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	9/28/1998	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	8/5/1999	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	8/14/1999	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	8/1/2001	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	10/23/2002	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	4/26/2003	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	11/11/2003	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	11/27/2003	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	11/28/2003	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	12/8/2003	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	2/17/2004	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	8/18/2004	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	9/16/2004	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	7/9/2005	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	7/25/2005	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	8/14/2005	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	11/9/2005	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	9/20/2006	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	12/7/2010	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	12/16/2010	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/20/2010	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	12/24/2010	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	7/14/2012	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	8/27/2012	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	9/14/2012	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	10/10/2012	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	8/27/2013	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	9/5/2013	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	11/28/2013	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	10/9/2015	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	10/11/2015	1.3	1.3	0.10	3.84	14517	89.0231%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.977813275
USGS 05439000	11/9/1925	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	8/3/1927	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	8/16/1927	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	8/18/1927	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	9/6/1927	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	10/4/1929	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	10/9/1929	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	10/13/1929	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	7/23/1930	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	7/24/1930	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	7/25/1930	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	8/18/1930	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	8/19/1930	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	9/8/1930	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	11/26/1930	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	1/2/1931	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	8/9/1931	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	8/28/1931	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	8/9/1933	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	10/2/1982	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	9/22/1984	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/16/1985	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	8/16/1988	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	9/3/1991	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	8/30/1995	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	9/25/1995	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	9/30/1995	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	10/14/1995	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	8/22/1997	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	10/19/1997	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	10/24/1997	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	11/8/1997	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	12/2/1997	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	12/4/1997	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	8/22/1998	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	9/9/1998	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	9/23/1998	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	9/7/2000	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	9/17/2001	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	7/22/2002	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	12/22/2002	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	10/16/2003	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	11/30/2003	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	12/4/2003	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	1/21/2004	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	1/26/2004	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	1/27/2004	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	1/28/2004	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	1/29/2004	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	1/30/2004	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	1/31/2004	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	2/11/2004	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	2/12/2004	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/13/2004	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	2/14/2004	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	2/15/2004	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	2/16/2004	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	10/29/2004	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	11/11/2004	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	7/23/2005	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	7/28/2005	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	11/30/2005	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	12/2/2005	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	1/6/2006	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	2/11/2006	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	3/6/2006	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	7/30/2006	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	8/28/2006	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	9/8/2006	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	8/17/2008	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	7/6/2012	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	8/26/2012	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	9/21/2012	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	10/9/2012	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	10/7/2013	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	12/3/2013	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	9/25/2014	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	10/10/2015	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	10/12/2015	1.2	1.2	0.10	3.83	14572	89.3604%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.962976369
USGS 05439000	10/12/1928	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	7/26/1930	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	9/9/1930	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	1/3/1931	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	7/18/1932	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	9/16/1932	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/23/1932	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	11/24/1932	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/10/1933	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/14/1933	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/15/1933	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/31/1933	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	9/1/1933	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	9/2/1933	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	10/4/1982	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/15/1984	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	10/15/1984	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	9/26/1985	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	10/1/1985	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	7/21/1988	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/17/1988	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	11/7/1988	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/21/1992	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/31/1995	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	9/19/1995	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	11/27/1997	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	11/28/1997	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	12/30/1997	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/21/1998	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	9/6/1998	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/17/2001	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/12/2002	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/19/2002	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	9/3/2002	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	9/23/2002	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	10/14/2002	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	11/17/2002	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	11/23/2002	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/12/2003	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	11/29/2003	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	1/22/2004	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	1/23/2004	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	1/24/2004	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	1/25/2004	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	2/1/2004	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	2/2/2004	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	2/3/2004	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	2/4/2004	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	2/5/2004	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	2/6/2004	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	2/7/2004	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	2/8/2004	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	2/9/2004	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	2/10/2004	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/31/2004	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	9/6/2004	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	10/22/2004	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	11/13/2004	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/23/2005	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	2/12/2006	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	2/16/2006	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	2/17/2006	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	2/18/2006	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/29/2006	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	10/13/2006	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/18/2008	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/23/2008	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	12/19/2010	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/2/2012	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	9/16/2012	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/20/2012	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	1/18/2013	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	8/14/2013	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	9/26/2014	1.1	1.1	0.10	3.82	14651	89.8449%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.948139463
USGS 05439000	7/21/1925	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	8/4/1927	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	8/17/1927	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/7/1927	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/21/1927	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/1/1929	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/2/1929	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/5/1929	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/16/1929	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/18/1929	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/20/1929	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/24/1929	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/26/1929	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	10/8/1929	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	10/10/1929	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	7/25/1931	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	8/10/1931	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	8/30/1931	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	7/19/1932	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/12/1932	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	12/5/1932	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/26/1982	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	10/3/1982	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	8/28/1988	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/13/1994	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/14/1994	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	12/10/1997	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	12/12/1997	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/28/1997	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	12/29/1997	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/24/1998	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	8/30/1999	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/4/2002	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	10/16/2002	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	12/16/2002	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	11/12/2004	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	7/24/2005	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	2/14/2006	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	2/15/2006	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	2/19/2006	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	2/20/2006	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	2/21/2006	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	2/22/2006	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	2/23/2006	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	8/7/2006	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/28/2006	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	8/20/2008	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/15/2010	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	12/17/2010	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	12/21/2010	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	9/6/2011	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	8/28/2012	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	1/19/2013	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	1/25/2013	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	10/13/2015	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	10/22/2015	1	1	0.10	3.81	14725	90.2986%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.933302558
USGS 05439000	10/2/1995	0.99	0.99	0.10	3.81	14781	90.6421%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.931818867
USGS 05439000	7/4/1988	0.98	0.98	0.10	3.81	14782	90.6482%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.930335177
USGS 05439000	11/3/1988	0.98	0.98	0.10	3.81	14782	90.6482%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.930335177
USGS 05439000	10/18/1995	0.97	0.97	0.10	3.81	14784	90.6605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.928851486

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	12/31/1997	0.97	0.97	0.10	3.81	14784	90.6605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.928851486
USGS 05439000	10/27/2003	0.97	0.97	0.10	3.81	14784	90.6605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.928851486
USGS 05439000	2/13/2006	0.97	0.97	0.10	3.81	14784	90.6605%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.928851486
USGS 05439000	12/5/1997	0.96	0.96	0.10	3.80	14788	90.6850%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.927367795
USGS 05439000	12/1/2003	0.96	0.96	0.10	3.80	14788	90.6850%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.927367795
USGS 05439000	2/24/2006	0.96	0.96	0.10	3.80	14788	90.6850%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.927367795
USGS 05439000	8/26/1988	0.95	0.95	0.10	3.80	14791	90.7034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.925884105
USGS 05439000	8/25/1991	0.95	0.95	0.10	3.80	14791	90.7034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.925884105
USGS 05439000	9/9/1994	0.95	0.95	0.10	3.80	14791	90.7034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.925884105
USGS 05439000	12/24/1997	0.95	0.95	0.10	3.80	14791	90.7034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.925884105
USGS 05439000	9/25/1998	0.95	0.95	0.10	3.80	14791	90.7034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.925884105
USGS 05439000	10/26/2004	0.95	0.95	0.10	3.80	14791	90.7034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.925884105
USGS 05439000	9/18/2010	0.95	0.95	0.10	3.80	14791	90.7034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.925884105
USGS 05439000	7/13/2012	0.95	0.95	0.10	3.80	14791	90.7034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.925884105
USGS 05439000	8/7/2012	0.95	0.95	0.10	3.80	14791	90.7034%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.925884105
USGS 05439000	11/16/2002	0.94	0.94	0.10	3.80	14800	90.7586%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.924400414
USGS 05439000	12/23/2002	0.94	0.94	0.10	3.80	14800	90.7586%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.924400414
USGS 05439000	10/2/1985	0.93	0.93	0.10	3.80	14802	90.7708%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.922916724
USGS 05439000	10/3/1985	0.93	0.93	0.10	3.80	14802	90.7708%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.922916724
USGS 05439000	8/24/1992	0.93	0.93	0.10	3.80	14802	90.7708%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.922916724
USGS 05439000	8/15/1999	0.93	0.93	0.10	3.80	14802	90.7708%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.922916724
USGS 05439000	7/26/2001	0.93	0.93	0.10	3.80	14802	90.7708%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.922916724
USGS 05439000	8/14/2004	0.93	0.93	0.10	3.80	14802	90.7708%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.922916724
USGS 05439000	11/14/2004	0.93	0.93	0.10	3.80	14802	90.7708%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.922916724
USGS 05439000	11/8/1988	0.92	0.92	0.10	3.80	14809	90.8138%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.921433033
USGS 05439000	10/21/1996	0.92	0.92	0.10	3.80	14809	90.8138%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.921433033
USGS 05439000	1/1/1998	0.92	0.92	0.10	3.80	14809	90.8138%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.921433033
USGS 05439000	8/25/2001	0.92	0.92	0.10	3.80	14809	90.8138%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.921433033
USGS 05439000	8/19/2008	0.92	0.92	0.10	3.80	14809	90.8138%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.921433033
USGS 05439000	10/19/2015	0.92	0.92	0.10	3.80	14809	90.8138%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.921433033
USGS 05439000	8/21/2002	0.91	0.91	0.10	3.80	14815	90.8506%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.919949343
USGS 05439000	11/16/2004	0.91	0.91	0.10	3.80	14815	90.8506%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.919949343

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/6/2006	0.91	0.91	0.10	3.80	14815	90.8506%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.919949343
USGS 05439000	7/20/1925	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	7/22/1925	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	11/8/1925	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	12/21/1925	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	9/24/1928	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	10/6/1928	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	10/7/1928	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	10/8/1928	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	10/9/1928	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	9/3/1929	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	9/11/1929	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	10/5/1929	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	10/12/1929	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	8/9/1930	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	8/14/1930	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	8/20/1930	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	8/21/1930	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	8/22/1930	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	9/10/1930	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	9/11/1930	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	9/12/1930	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	9/13/1930	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	11/27/1930	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	1/4/1931	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	1/5/1931	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	1/6/1931	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	8/26/1931	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	8/27/1931	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	8/29/1931	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	9/11/1931	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	11/22/1932	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/6/1933	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	8/7/1933	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	8/16/1933	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	8/18/1933	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	9/3/1933	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	11/10/1997	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	11/24/2002	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	12/31/2005	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	1/7/2006	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	2/25/2006	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	2/26/2006	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	1/20/2013	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	10/19/2013	0.9	0.9	0.10	3.80	14818	90.8690%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.918465652
USGS 05439000	11/16/1997	0.89	0.89	0.10	3.80	14862	91.1388%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.916981961
USGS 05439000	9/6/2002	0.89	0.89	0.10	3.80	14862	91.1388%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.916981961
USGS 05439000	10/13/2002	0.89	0.89	0.10	3.80	14862	91.1388%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.916981961
USGS 05439000	11/15/2002	0.89	0.89	0.10	3.80	14862	91.1388%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.916981961
USGS 05439000	10/28/2003	0.89	0.89	0.10	3.80	14862	91.1388%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.916981961
USGS 05439000	10/23/2013	0.89	0.89	0.10	3.80	14862	91.1388%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.916981961
USGS 05439000	10/16/1997	0.88	0.88	0.10	3.80	14868	91.1756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.915498271
USGS 05439000	9/12/2003	0.88	0.88	0.10	3.80	14868	91.1756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.915498271
USGS 05439000	2/27/2006	0.88	0.88	0.10	3.80	14868	91.1756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.915498271
USGS 05439000	8/19/2012	0.88	0.88	0.10	3.80	14868	91.1756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.915498271
USGS 05439000	12/26/2012	0.88	0.88	0.10	3.80	14868	91.1756%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.915498271
USGS 05439000	10/6/1984	0.87	0.87	0.10	3.80	14873	91.2062%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91401458
USGS 05439000	9/11/1995	0.87	0.87	0.10	3.80	14873	91.2062%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91401458
USGS 05439000	7/27/1997	0.87	0.87	0.10	3.80	14873	91.2062%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91401458
USGS 05439000	10/17/2002	0.87	0.87	0.10	3.80	14873	91.2062%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91401458
USGS 05439000	7/31/2006	0.87	0.87	0.10	3.80	14873	91.2062%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91401458
USGS 05439000	9/27/2014	0.87	0.87	0.10	3.80	14873	91.2062%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91401458
USGS 05439000	10/13/1984	0.86	0.86	0.10	3.80	14879	91.2430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91253089
USGS 05439000	12/6/1997	0.86	0.86	0.10	3.80	14879	91.2430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91253089

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/19/1999	0.86	0.86	0.10	3.80	14879	91.2430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91253089
USGS 05439000	7/27/2001	0.86	0.86	0.10	3.80	14879	91.2430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91253089
USGS 05439000	8/4/2001	0.86	0.86	0.10	3.80	14879	91.2430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91253089
USGS 05439000	9/12/2001	0.86	0.86	0.10	3.80	14879	91.2430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91253089
USGS 05439000	7/24/2002	0.86	0.86	0.10	3.80	14879	91.2430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91253089
USGS 05439000	8/20/2004	0.86	0.86	0.10	3.80	14879	91.2430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91253089
USGS 05439000	9/1/2004	0.86	0.86	0.10	3.80	14879	91.2430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91253089
USGS 05439000	12/23/2010	0.86	0.86	0.10	3.80	14879	91.2430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91253089
USGS 05439000	8/15/2012	0.86	0.86	0.10	3.80	14879	91.2430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91253089
USGS 05439000	9/25/2012	0.86	0.86	0.10	3.80	14879	91.2430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91253089
USGS 05439000	10/14/2015	0.86	0.86	0.10	3.80	14879	91.2430%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.91253089
USGS 05439000	8/11/1999	0.85	0.85	0.10	3.79	14892	91.3227%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.911047199
USGS 05439000	8/22/2001	0.85	0.85	0.10	3.79	14892	91.3227%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.911047199
USGS 05439000	8/8/2002	0.85	0.85	0.10	3.79	14892	91.3227%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.911047199
USGS 05439000	10/12/2002	0.85	0.85	0.10	3.79	14892	91.3227%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.911047199
USGS 05439000	8/2/2006	0.85	0.85	0.10	3.79	14892	91.3227%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.911047199
USGS 05439000	10/16/2006	0.85	0.85	0.10	3.79	14892	91.3227%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.911047199
USGS 05439000	7/15/2012	0.85	0.85	0.10	3.79	14892	91.3227%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.911047199
USGS 05439000	10/11/2012	0.85	0.85	0.10	3.79	14892	91.3227%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.911047199
USGS 05439000	1/21/2013	0.85	0.85	0.10	3.79	14892	91.3227%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.911047199
USGS 05439000	1/24/2013	0.85	0.85	0.10	3.79	14892	91.3227%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.911047199
USGS 05439000	10/9/1984	0.84	0.84	0.10	3.79	14902	91.3841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.909563509
USGS 05439000	9/5/1988	0.84	0.84	0.10	3.79	14902	91.3841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.909563509
USGS 05439000	9/1/1995	0.84	0.84	0.10	3.79	14902	91.3841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.909563509
USGS 05439000	8/13/1997	0.84	0.84	0.10	3.79	14902	91.3841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.909563509
USGS 05439000	8/20/2001	0.84	0.84	0.10	3.79	14902	91.3841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.909563509
USGS 05439000	8/26/2001	0.84	0.84	0.10	3.79	14902	91.3841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.909563509
USGS 05439000	9/3/2001	0.84	0.84	0.10	3.79	14902	91.3841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.909563509
USGS 05439000	11/17/2004	0.84	0.84	0.10	3.79	14902	91.3841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.909563509
USGS 05439000	10/14/2006	0.84	0.84	0.10	3.79	14902	91.3841%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.909563509
USGS 05439000	9/13/2003	0.83	0.83	0.10	3.79	14911	91.4393%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.908079818
USGS 05439000	2/28/2006	0.83	0.83	0.10	3.79	14911	91.4393%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.908079818

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/16/2010	0.83	0.83	0.10	3.79	14911	91.4393%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.908079818
USGS 05439000	9/20/2013	0.83	0.83	0.10	3.79	14911	91.4393%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.908079818
USGS 05439000	10/24/2013	0.83	0.83	0.10	3.79	14911	91.4393%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.908079818
USGS 05439000	10/8/1984	0.82	0.82	0.10	3.79	14916	91.4699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.906596128
USGS 05439000	10/1/2002	0.82	0.82	0.10	3.79	14916	91.4699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.906596128
USGS 05439000	3/11/2003	0.82	0.82	0.10	3.79	14916	91.4699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.906596128
USGS 05439000	4/29/2003	0.82	0.82	0.10	3.79	14916	91.4699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.906596128
USGS 05439000	10/29/2003	0.82	0.82	0.10	3.79	14916	91.4699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.906596128
USGS 05439000	11/14/2012	0.82	0.82	0.10	3.79	14916	91.4699%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.906596128
USGS 05439000	9/11/2002	0.81	0.81	0.10	3.79	14922	91.5067%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.905112437
USGS 05439000	10/11/2002	0.81	0.81	0.10	3.79	14922	91.5067%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.905112437
USGS 05439000	11/1/2003	0.81	0.81	0.10	3.79	14922	91.5067%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.905112437
USGS 05439000	11/17/2005	0.81	0.81	0.10	3.79	14922	91.5067%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.905112437
USGS 05439000	10/17/2010	0.81	0.81	0.10	3.79	14922	91.5067%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.905112437
USGS 05439000	11/29/2013	0.81	0.81	0.10	3.79	14922	91.5067%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.905112437
USGS 05439000	12/22/1925	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	8/5/1927	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	9/25/1928	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	9/26/1928	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	9/4/1929	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	9/6/1929	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	10/7/1929	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	7/27/1930	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	8/15/1930	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	1/7/1931	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	1/8/1931	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	3/9/1931	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	7/26/1931	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	7/27/1931	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	8/11/1931	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	8/12/1931	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	9/3/1931	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/8/1933	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	8/11/1933	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	8/30/1933	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	9/6/1933	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	9/7/1933	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	9/13/1933	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	10/15/1979	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	7/31/2001	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	8/5/2001	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	7/23/2002	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	11/15/2004	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	1/22/2013	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	1/23/2013	0.8	0.8	0.10	3.79	14928	91.5435%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.903628746
USGS 05439000	9/26/2003	0.79	0.79	0.10	3.79	14958	91.7275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.902145056
USGS 05439000	10/30/2003	0.79	0.79	0.10	3.79	14958	91.7275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.902145056
USGS 05439000	9/9/2004	0.79	0.79	0.10	3.79	14958	91.7275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.902145056
USGS 05439000	7/29/2005	0.79	0.79	0.10	3.79	14958	91.7275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.902145056
USGS 05439000	8/15/2005	0.79	0.79	0.10	3.79	14958	91.7275%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.902145056
USGS 05439000	9/6/1988	0.78	0.78	0.10	3.79	14963	91.7581%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.900661365
USGS 05439000	9/26/1995	0.78	0.78	0.10	3.79	14963	91.7581%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.900661365
USGS 05439000	8/31/1999	0.78	0.78	0.10	3.79	14963	91.7581%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.900661365
USGS 05439000	8/8/2003	0.78	0.78	0.10	3.79	14963	91.7581%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.900661365
USGS 05439000	10/17/2003	0.78	0.78	0.10	3.79	14963	91.7581%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.900661365
USGS 05439000	9/14/2010	0.78	0.78	0.10	3.79	14963	91.7581%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.900661365
USGS 05439000	9/28/2014	0.78	0.78	0.10	3.79	14963	91.7581%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.900661365
USGS 05439000	10/4/1997	0.77	0.77	0.10	3.79	14970	91.8011%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.899177675
USGS 05439000	12/25/2002	0.77	0.77	0.10	3.79	14970	91.8011%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.899177675
USGS 05439000	11/27/2005	0.77	0.77	0.10	3.79	14970	91.8011%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.899177675
USGS 05439000	12/22/2010	0.77	0.77	0.10	3.79	14970	91.8011%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.899177675
USGS 05439000	8/23/1992	0.76	0.76	0.10	3.79	14974	91.8256%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.897693984
USGS 05439000	11/25/2002	0.76	0.76	0.10	3.79	14974	91.8256%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.897693984
USGS 05439000	12/24/2002	0.76	0.76	0.10	3.79	14974	91.8256%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.897693984

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/31/2003	0.76	0.76	0.10	3.79	14974	91.8256%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.897693984
USGS 05439000	10/25/2013	0.76	0.76	0.10	3.79	14974	91.8256%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.897693984
USGS 05439000	7/31/1984	0.75	0.75	0.10	3.78	14979	91.8563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.896210294
USGS 05439000	10/14/1988	0.75	0.75	0.10	3.78	14979	91.8563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.896210294
USGS 05439000	3/1/2006	0.75	0.75	0.10	3.78	14979	91.8563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.896210294
USGS 05439000	3/2/2006	0.75	0.75	0.10	3.78	14979	91.8563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.896210294
USGS 05439000	11/30/2013	0.75	0.75	0.10	3.78	14979	91.8563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.896210294
USGS 05439000	12/2/2013	0.75	0.75	0.10	3.78	14979	91.8563%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.896210294
USGS 05439000	8/31/1988	0.74	0.74	0.10	3.78	14985	91.8931%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.894726603
USGS 05439000	9/15/2004	0.74	0.74	0.10	3.78	14985	91.8931%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.894726603
USGS 05439000	9/21/2006	0.74	0.74	0.10	3.78	14985	91.8931%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.894726603
USGS 05439000	10/15/2006	0.74	0.74	0.10	3.78	14985	91.8931%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.894726603
USGS 05439000	9/13/2012	0.74	0.74	0.10	3.78	14985	91.8931%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.894726603
USGS 05439000	10/1/2012	0.74	0.74	0.10	3.78	14985	91.8931%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.894726603
USGS 05439000	8/23/1991	0.73	0.73	0.10	3.78	14991	91.9298%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.893242912
USGS 05439000	11/26/1997	0.73	0.73	0.10	3.78	14991	91.9298%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.893242912
USGS 05439000	9/7/2004	0.73	0.73	0.10	3.78	14991	91.9298%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.893242912
USGS 05439000	9/17/2004	0.73	0.73	0.10	3.78	14991	91.9298%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.893242912
USGS 05439000	10/4/2012	0.73	0.73	0.10	3.78	14991	91.9298%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.893242912
USGS 05439000	10/22/2013	0.73	0.73	0.10	3.78	14991	91.9298%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.893242912
USGS 05439000	9/5/2001	0.72	0.72	0.10	3.78	14997	91.9666%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.891759222
USGS 05439000	9/24/2002	0.72	0.72	0.10	3.78	14997	91.9666%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.891759222
USGS 05439000	8/16/2004	0.72	0.72	0.10	3.78	14997	91.9666%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.891759222
USGS 05439000	10/30/2012	0.72	0.72	0.10	3.78	14997	91.9666%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.891759222
USGS 05439000	8/22/1992	0.71	0.71	0.10	3.78	15001	91.9912%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.890275531
USGS 05439000	10/13/1995	0.71	0.71	0.10	3.78	15001	91.9912%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.890275531
USGS 05439000	10/15/2015	0.71	0.71	0.10	3.78	15001	91.9912%	Phosphorus, Total	2.15	mg/L	0.289	28.3	43.8203889	5.890275531
USGS 05439000	7/17/1925	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	7/18/1925	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	7/19/1925	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	7/23/1925	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	7/24/1925	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/31/1925	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	8/1/1925	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	11/7/1925	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	12/23/1925	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	8/19/1927	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	9/8/1927	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	9/16/1927	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	9/22/1927	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	9/27/1928	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	10/10/1928	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	9/7/1929	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	9/17/1929	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	9/21/1929	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	9/22/1929	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	9/23/1929	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	9/27/1929	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	9/28/1929	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	10/11/1929	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	8/8/1930	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	8/10/1930	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	8/11/1930	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	8/16/1930	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	11/28/1930	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	1/9/1931	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	1/10/1931	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	1/11/1931	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	1/12/1931	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	1/22/1931	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	10/11/1932	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	11/26/1932	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	12/2/1932	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	12/3/1932	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/12/1933	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	8/13/1933	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	8/24/1933	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	9/11/1933	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	8/23/1997	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	8/24/1997	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	12/23/1997	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	12/26/2002	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	9/28/2010	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	12/8/2012	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	12/1/2013	0.7	0.7	0.10	3.78	15004	92.0096%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.888791841
USGS 05439000	9/13/1998	0.69	0.69	0.10	3.78	15052	92.3039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.88730815
USGS 05439000	8/16/1999	0.69	0.69	0.10	3.78	15052	92.3039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.88730815
USGS 05439000	9/3/2004	0.69	0.69	0.10	3.78	15052	92.3039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.88730815
USGS 05439000	9/9/2006	0.69	0.69	0.10	3.78	15052	92.3039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.88730815
USGS 05439000	9/18/2011	0.69	0.69	0.10	3.78	15052	92.3039%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.88730815
USGS 05439000	9/19/1988	0.68	0.68	0.10	3.78	15057	92.3346%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.88582446
USGS 05439000	9/2/1995	0.68	0.68	0.10	3.78	15057	92.3346%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.88582446
USGS 05439000	12/13/1997	0.68	0.68	0.10	3.78	15057	92.3346%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.88582446
USGS 05439000	9/20/1999	0.68	0.68	0.10	3.78	15057	92.3346%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.88582446
USGS 05439000	7/28/2001	0.68	0.68	0.10	3.78	15057	92.3346%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.88582446
USGS 05439000	10/1/2006	0.68	0.68	0.10	3.78	15057	92.3346%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.88582446
USGS 05439000	9/11/2012	0.68	0.68	0.10	3.78	15057	92.3346%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.88582446
USGS 05439000	10/4/1988	0.67	0.67	0.10	3.78	15064	92.3775%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.884340769
USGS 05439000	11/22/1997	0.67	0.67	0.10	3.78	15064	92.3775%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.884340769
USGS 05439000	9/12/1999	0.67	0.67	0.10	3.78	15064	92.3775%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.884340769
USGS 05439000	11/7/2005	0.67	0.67	0.10	3.78	15064	92.3775%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.884340769
USGS 05439000	10/7/2006	0.67	0.67	0.10	3.78	15064	92.3775%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.884340769
USGS 05439000	9/17/2010	0.67	0.67	0.10	3.78	15064	92.3775%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.884340769
USGS 05439000	10/2/2012	0.67	0.67	0.10	3.78	15064	92.3775%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.884340769
USGS 05439000	7/30/1988	0.66	0.66	0.10	3.78	15071	92.4204%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.882857078
USGS 05439000	9/3/1999	0.66	0.66	0.10	3.78	15071	92.4204%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.882857078

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/11/2003	0.66	0.66	0.10	3.78	15071	92.4204%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.882857078
USGS 05439000	8/21/2004	0.66	0.66	0.10	3.78	15071	92.4204%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.882857078
USGS 05439000	9/2/2004	0.66	0.66	0.10	3.78	15071	92.4204%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.882857078
USGS 05439000	9/25/2005	0.66	0.66	0.10	3.78	15071	92.4204%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.882857078
USGS 05439000	7/28/1988	0.65	0.65	0.10	3.78	15077	92.4572%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.881373388
USGS 05439000	8/21/2001	0.65	0.65	0.10	3.78	15077	92.4572%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.881373388
USGS 05439000	9/14/2003	0.65	0.65	0.10	3.78	15077	92.4572%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.881373388
USGS 05439000	7/11/2005	0.65	0.65	0.10	3.78	15077	92.4572%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.881373388
USGS 05439000	3/3/2006	0.65	0.65	0.10	3.78	15077	92.4572%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.881373388
USGS 05439000	8/8/2006	0.65	0.65	0.10	3.78	15077	92.4572%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.881373388
USGS 05439000	12/27/2012	0.65	0.65	0.10	3.78	15077	92.4572%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.881373388
USGS 05439000	7/3/1988	0.64	0.64	0.10	3.77	15084	92.5002%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.879889697
USGS 05439000	9/24/1988	0.64	0.64	0.10	3.77	15084	92.5002%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.879889697
USGS 05439000	9/15/1994	0.64	0.64	0.10	3.77	15084	92.5002%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.879889697
USGS 05439000	11/17/1997	0.64	0.64	0.10	3.77	15084	92.5002%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.879889697
USGS 05439000	11/26/2002	0.64	0.64	0.10	3.77	15084	92.5002%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.879889697
USGS 05439000	10/24/2003	0.64	0.64	0.10	3.77	15084	92.5002%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.879889697
USGS 05439000	11/14/2005	0.64	0.64	0.10	3.77	15084	92.5002%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.879889697
USGS 05439000	9/27/2010	0.64	0.64	0.10	3.77	15084	92.5002%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.879889697
USGS 05439000	8/1/1984	0.63	0.63	0.10	3.77	15092	92.5492%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.878406007
USGS 05439000	8/3/1984	0.63	0.63	0.10	3.77	15092	92.5492%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.878406007
USGS 05439000	9/22/1988	0.63	0.63	0.10	3.77	15092	92.5492%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.878406007
USGS 05439000	8/1/2006	0.63	0.63	0.10	3.77	15092	92.5492%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.878406007
USGS 05439000	10/16/2015	0.63	0.63	0.10	3.77	15092	92.5492%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.878406007
USGS 05439000	10/3/1995	0.62	0.62	0.10	3.77	15097	92.5799%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.876922316
USGS 05439000	8/11/1997	0.62	0.62	0.10	3.77	15097	92.5799%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.876922316
USGS 05439000	10/25/1997	0.62	0.62	0.10	3.77	15097	92.5799%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.876922316
USGS 05439000	7/25/2002	0.62	0.62	0.10	3.77	15097	92.5799%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.876922316
USGS 05439000	12/15/2002	0.62	0.62	0.10	3.77	15097	92.5799%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.876922316
USGS 05439000	8/22/2004	0.62	0.62	0.10	3.77	15097	92.5799%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.876922316
USGS 05439000	8/24/2005	0.62	0.62	0.10	3.77	15097	92.5799%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.876922316
USGS 05439000	10/8/2006	0.62	0.62	0.10	3.77	15097	92.5799%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.876922316

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/2/2012	0.62	0.62	0.10	3.77	15097	92.5799%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.876922316
USGS 05439000	12/18/2012	0.62	0.62	0.10	3.77	15097	92.5799%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.876922316
USGS 05439000	9/3/1995	0.61	0.61	0.10	3.77	15107	92.6412%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.875438626
USGS 05439000	8/23/2001	0.61	0.61	0.10	3.77	15107	92.6412%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.875438626
USGS 05439000	9/13/2001	0.61	0.61	0.10	3.77	15107	92.6412%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.875438626
USGS 05439000	9/29/2006	0.61	0.61	0.10	3.77	15107	92.6412%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.875438626
USGS 05439000	10/26/2013	0.61	0.61	0.10	3.77	15107	92.6412%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.875438626
USGS 05439000	1/4/2014	0.61	0.61	0.10	3.77	15107	92.6412%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.875438626
USGS 05439000	7/25/1925	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	7/26/1925	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	7/27/1925	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/2/1925	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/7/1925	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/8/1925	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/9/1925	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/10/1925	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/11/1925	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/12/1925	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/13/1925	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/14/1925	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	9/14/1925	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	10/2/1925	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	10/26/1925	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	10/30/1925	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	12/24/1925	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/6/1927	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/20/1927	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/21/1927	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	9/23/1927	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	9/28/1928	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	9/29/1928	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	9/30/1928	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/6/1929	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	9/14/1930	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/13/1931	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/14/1931	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/19/1931	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	9/4/1931	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	9/6/1931	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	9/8/1931	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	9/12/1931	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	7/20/1932	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/2/1932	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	10/23/1932	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	11/25/1932	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	11/27/1932	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	11/29/1932	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/19/1933	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/20/1933	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/28/1933	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	9/4/1933	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	9/8/1933	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	9/9/1933	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	9/10/1933	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	9/12/1933	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	7/29/1988	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	9/13/1995	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/14/1997	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/25/1997	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	9/7/1997	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	12/7/1997	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	8/15/2004	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	10/14/2013	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935
USGS 05439000	10/20/2013	0.6	0.6	0.10	3.77	15113	92.6780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.873954935

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/1/1997	0.59	0.59	0.10	3.77	15169	93.0214%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.872471244
USGS 05439000	11/23/1997	0.59	0.59	0.10	3.77	15169	93.0214%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.872471244
USGS 05439000	8/7/2001	0.59	0.59	0.10	3.77	15169	93.0214%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.872471244
USGS 05439000	7/26/2002	0.59	0.59	0.10	3.77	15169	93.0214%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.872471244
USGS 05439000	12/8/2010	0.59	0.59	0.10	3.77	15169	93.0214%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.872471244
USGS 05439000	10/3/2012	0.59	0.59	0.10	3.77	15169	93.0214%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.872471244
USGS 05439000	9/18/2013	0.59	0.59	0.10	3.77	15169	93.0214%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.872471244
USGS 05439000	8/16/1984	0.58	0.58	0.10	3.77	15176	93.0643%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.870987554
USGS 05439000	8/3/1988	0.58	0.58	0.10	3.77	15176	93.0643%	Phosphorus, Total	0.16	mg/L	0.289	28.3	3.250373732	5.870987554
USGS 05439000	8/3/1988	0.58	0.58	0.10	3.77	15176	93.0643%	Phosphorus, Total	0.16	mg/L	0.289	28.3	3.250373732	5.870987554
USGS 05439000	8/3/1988	0.58	0.58	0.10	3.77	15176	93.0643%	Phosphorus, Total	0.15	mg/L	0.289	28.3	3.047225374	5.870987554
USGS 05439000	8/3/1988	0.58	0.58	0.10	3.77	15176	93.0643%	Phosphorus, Total	0.37	mg/L	0.289	28.3	7.516489256	5.870987554
USGS 05439000	8/3/1988	0.58	0.58	0.10	3.77	15176	93.0643%	Phosphorus, Total	4.18	mg/L	0.289	28.3	84.91601376	5.870987554
USGS 05439000	8/3/1988	0.58	0.58	0.10	3.77	15176	93.0643%	Phosphorus, Total	3.86	mg/L	0.289	28.3	78.41526629	5.870987554
USGS 05439000	9/7/2002	0.58	0.58	0.10	3.77	15176	93.0643%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.870987554
USGS 05439000	9/10/2002	0.58	0.58	0.10	3.77	15176	93.0643%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.870987554
USGS 05439000	10/10/2002	0.58	0.58	0.10	3.77	15176	93.0643%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.870987554
USGS 05439000	10/18/2003	0.58	0.58	0.10	3.77	15176	93.0643%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.870987554
USGS 05439000	7/30/2005	0.58	0.58	0.10	3.77	15176	93.0643%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.870987554
USGS 05439000	3/5/2006	0.58	0.58	0.10	3.77	15176	93.0643%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.870987554
USGS 05439000	9/29/2014	0.58	0.58	0.10	3.77	15176	93.0643%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.870987554
USGS 05439000	11/21/1997	0.57	0.57	0.10	3.77	15190	93.1502%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.869503863
USGS 05439000	12/14/1997	0.57	0.57	0.10	3.77	15190	93.1502%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.869503863
USGS 05439000	12/27/2002	0.57	0.57	0.10	3.77	15190	93.1502%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.869503863
USGS 05439000	10/19/2003	0.57	0.57	0.10	3.77	15190	93.1502%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.869503863
USGS 05439000	9/26/2005	0.57	0.57	0.10	3.77	15190	93.1502%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.869503863
USGS 05439000	10/9/2006	0.57	0.57	0.10	3.77	15190	93.1502%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.869503863
USGS 05439000	9/21/2011	0.57	0.57	0.10	3.77	15190	93.1502%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.869503863
USGS 05439000	9/17/2013	0.57	0.57	0.10	3.77	15190	93.1502%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.869503863
USGS 05439000	10/17/2015	0.57	0.57	0.10	3.77	15190	93.1502%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.869503863
USGS 05439000	10/25/1988	0.56	0.56	0.10	3.77	15199	93.2054%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.868020173
USGS 05439000	11/24/1997	0.56	0.56	0.10	3.77	15199	93.2054%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.868020173

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/24/2001	0.56	0.56	0.10	3.77	15199	93.2054%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.868020173
USGS 05439000	9/14/2002	0.56	0.56	0.10	3.77	15199	93.2054%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.868020173
USGS 05439000	8/9/2003	0.56	0.56	0.10	3.77	15199	93.2054%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.868020173
USGS 05439000	8/22/2003	0.56	0.56	0.10	3.77	15199	93.2054%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.868020173
USGS 05439000	8/23/2004	0.56	0.56	0.10	3.77	15199	93.2054%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.868020173
USGS 05439000	8/16/2005	0.56	0.56	0.10	3.77	15199	93.2054%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.868020173
USGS 05439000	9/7/2011	0.56	0.56	0.10	3.77	15199	93.2054%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.868020173
USGS 05439000	8/15/2013	0.56	0.56	0.10	3.77	15199	93.2054%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.868020173
USGS 05439000	10/21/2013	0.56	0.56	0.10	3.77	15199	93.2054%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.868020173
USGS 05439000	10/18/2015	0.56	0.56	0.10	3.77	15199	93.2054%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.868020173
USGS 05439000	9/27/1995	0.55	0.55	0.10	3.77	15211	93.2790%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.866536482
USGS 05439000	8/12/1997	0.55	0.55	0.10	3.77	15211	93.2790%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.866536482
USGS 05439000	11/18/1997	0.55	0.55	0.10	3.77	15211	93.2790%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.866536482
USGS 05439000	9/11/1998	0.55	0.55	0.10	3.77	15211	93.2790%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.866536482
USGS 05439000	9/25/2002	0.55	0.55	0.10	3.77	15211	93.2790%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.866536482
USGS 05439000	8/20/2012	0.55	0.55	0.10	3.77	15211	93.2790%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.866536482
USGS 05439000	9/30/2012	0.55	0.55	0.10	3.77	15211	93.2790%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.866536482
USGS 05439000	12/25/2013	0.55	0.55	0.10	3.77	15211	93.2790%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.866536482
USGS 05439000	12/22/1997	0.54	0.54	0.10	3.76	15219	93.3280%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.865052792
USGS 05439000	9/8/2002	0.54	0.54	0.10	3.76	15219	93.3280%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.865052792
USGS 05439000	9/12/2002	0.54	0.54	0.10	3.76	15219	93.3280%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.865052792
USGS 05439000	11/27/2002	0.54	0.54	0.10	3.76	15219	93.3280%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.865052792
USGS 05439000	1/8/2006	0.54	0.54	0.10	3.76	15219	93.3280%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.865052792
USGS 05439000	10/2/2010	0.54	0.54	0.10	3.76	15219	93.3280%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.865052792
USGS 05439000	12/28/2012	0.54	0.54	0.10	3.76	15219	93.3280%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.865052792
USGS 05439000	9/16/1994	0.53	0.53	0.10	3.76	15226	93.3709%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.863569101
USGS 05439000	7/28/1997	0.53	0.53	0.10	3.76	15226	93.3709%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.863569101
USGS 05439000	9/1/1999	0.53	0.53	0.10	3.76	15226	93.3709%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.863569101
USGS 05439000	8/27/2001	0.53	0.53	0.10	3.76	15226	93.3709%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.863569101
USGS 05439000	10/27/2004	0.53	0.53	0.10	3.76	15226	93.3709%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.863569101
USGS 05439000	10/3/2010	0.53	0.53	0.10	3.76	15226	93.3709%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.863569101
USGS 05439000	9/21/2013	0.53	0.53	0.10	3.76	15226	93.3709%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.863569101

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/2/1984	0.52	0.52	0.10	3.76	15233	93.4139%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.862085411
USGS 05439000	7/27/1988	0.52	0.52	0.10	3.76	15233	93.4139%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.862085411
USGS 05439000	10/22/1988	0.52	0.52	0.10	3.76	15233	93.4139%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.862085411
USGS 05439000	11/19/1997	0.52	0.52	0.10	3.76	15233	93.4139%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.862085411
USGS 05439000	9/14/2001	0.52	0.52	0.10	3.76	15233	93.4139%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.862085411
USGS 05439000	9/16/2001	0.52	0.52	0.10	3.76	15233	93.4139%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.862085411
USGS 05439000	12/14/2002	0.52	0.52	0.10	3.76	15233	93.4139%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.862085411
USGS 05439000	9/4/2004	0.52	0.52	0.10	3.76	15233	93.4139%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.862085411
USGS 05439000	10/14/2004	0.52	0.52	0.10	3.76	15233	93.4139%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.862085411
USGS 05439000	3/4/2006	0.52	0.52	0.10	3.76	15233	93.4139%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.862085411
USGS 05439000	9/30/2006	0.52	0.52	0.10	3.76	15233	93.4139%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.862085411
USGS 05439000	9/30/2014	0.52	0.52	0.10	3.76	15233	93.4139%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.862085411
USGS 05439000	10/15/1988	0.51	0.51	0.10	3.76	15245	93.4875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.86060172
USGS 05439000	10/20/1988	0.51	0.51	0.10	3.76	15245	93.4875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.86060172
USGS 05439000	10/18/1997	0.51	0.51	0.10	3.76	15245	93.4875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.86060172
USGS 05439000	11/9/1997	0.51	0.51	0.10	3.76	15245	93.4875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.86060172
USGS 05439000	11/20/1997	0.51	0.51	0.10	3.76	15245	93.4875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.86060172
USGS 05439000	12/9/1997	0.51	0.51	0.10	3.76	15245	93.4875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.86060172
USGS 05439000	8/10/2003	0.51	0.51	0.10	3.76	15245	93.4875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.86060172
USGS 05439000	1/27/2006	0.51	0.51	0.10	3.76	15245	93.4875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.86060172
USGS 05439000	12/29/2012	0.51	0.51	0.10	3.76	15245	93.4875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.86060172
USGS 05439000	7/28/1925	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	7/29/1925	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	9/11/1925	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	10/25/1925	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	9/9/1927	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	9/11/1927	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	9/17/1927	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	10/1/1928	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	10/11/1928	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	8/5/1930	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	8/23/1930	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/13/1931	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	7/28/1931	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	7/29/1931	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	7/30/1931	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	7/31/1931	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	8/1/1931	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	8/2/1931	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	8/3/1931	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	8/4/1931	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	8/8/1931	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	8/15/1931	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	8/16/1931	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	9/10/1931	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	7/21/1932	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	9/1/1932	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	9/17/1932	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	10/12/1932	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	10/16/1932	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	10/24/1932	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	11/28/1932	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	11/30/1932	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	12/1/1932	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	8/21/1933	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	9/5/1933	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	9/14/1933	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	9/27/1933	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	9/16/1995	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	11/25/1997	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	9/2/1999	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	9/15/2001	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	9/26/2002	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	12/28/2002	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/20/2003	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	10/10/2006	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	9/6/2013	0.5	0.5	0.10	3.76	15254	93.5427%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.859118029
USGS 05439000	11/1/1988	0.49	0.49	0.10	3.76	15300	93.8247%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.857634339
USGS 05439000	9/12/1995	0.49	0.49	0.10	3.76	15300	93.8247%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.857634339
USGS 05439000	12/20/1997	0.49	0.49	0.10	3.76	15300	93.8247%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.857634339
USGS 05439000	7/29/2001	0.49	0.49	0.10	3.76	15300	93.8247%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.857634339
USGS 05439000	8/20/2002	0.49	0.49	0.10	3.76	15300	93.8247%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.857634339
USGS 05439000	9/8/2004	0.49	0.49	0.10	3.76	15300	93.8247%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.857634339
USGS 05439000	9/24/2005	0.49	0.49	0.10	3.76	15300	93.8247%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.857634339
USGS 05439000	9/27/2005	0.49	0.49	0.10	3.76	15300	93.8247%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.857634339
USGS 05439000	12/11/2012	0.49	0.49	0.10	3.76	15300	93.8247%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.857634339
USGS 05439000	8/4/1988	0.48	0.48	0.10	3.76	15309	93.8799%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.856150648
USGS 05439000	7/29/1997	0.48	0.48	0.10	3.76	15309	93.8799%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.856150648
USGS 05439000	11/15/1997	0.48	0.48	0.10	3.76	15309	93.8799%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.856150648
USGS 05439000	8/12/2003	0.48	0.48	0.10	3.76	15309	93.8799%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.856150648
USGS 05439000	7/12/2005	0.48	0.48	0.10	3.76	15309	93.8799%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.856150648
USGS 05439000	8/19/2006	0.48	0.48	0.10	3.76	15309	93.8799%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.856150648
USGS 05439000	9/8/2011	0.48	0.48	0.10	3.76	15309	93.8799%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.856150648
USGS 05439000	12/6/2013	0.48	0.48	0.10	3.76	15309	93.8799%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.856150648
USGS 05439000	8/18/1992	0.47	0.47	0.10	3.76	15317	93.9290%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.854666958
USGS 05439000	12/8/1997	0.47	0.47	0.10	3.76	15317	93.9290%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.854666958
USGS 05439000	12/21/1997	0.47	0.47	0.10	3.76	15317	93.9290%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.854666958
USGS 05439000	8/9/2002	0.47	0.47	0.10	3.76	15317	93.9290%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.854666958
USGS 05439000	12/13/2002	0.47	0.47	0.10	3.76	15317	93.9290%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.854666958
USGS 05439000	11/18/2005	0.47	0.47	0.10	3.76	15317	93.9290%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.854666958
USGS 05439000	8/28/2013	0.47	0.47	0.10	3.76	15317	93.9290%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.854666958
USGS 05439000	12/26/2013	0.47	0.47	0.10	3.76	15317	93.9290%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.854666958
USGS 05439000	7/26/1988	0.46	0.46	0.10	3.76	15325	93.9780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.853183267
USGS 05439000	8/2/1988	0.46	0.46	0.10	3.76	15325	93.9780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.853183267
USGS 05439000	11/2/1988	0.46	0.46	0.10	3.76	15325	93.9780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.853183267
USGS 05439000	12/16/1997	0.46	0.46	0.10	3.76	15325	93.9780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.853183267

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/19/1999	0.46	0.46	0.10	3.76	15325	93.9780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.853183267
USGS 05439000	3/10/2003	0.46	0.46	0.10	3.76	15325	93.9780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.853183267
USGS 05439000	10/23/2003	0.46	0.46	0.10	3.76	15325	93.9780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.853183267
USGS 05439000	9/18/2004	0.46	0.46	0.10	3.76	15325	93.9780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.853183267
USGS 05439000	8/11/2005	0.46	0.46	0.10	3.76	15325	93.9780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.853183267
USGS 05439000	8/11/2006	0.46	0.46	0.10	3.76	15325	93.9780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.853183267
USGS 05439000	10/4/2010	0.46	0.46	0.10	3.76	15325	93.9780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.853183267
USGS 05439000	7/16/2012	0.46	0.46	0.10	3.76	15325	93.9780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.853183267
USGS 05439000	8/16/2013	0.46	0.46	0.10	3.76	15325	93.9780%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.853183267
USGS 05439000	10/14/1984	0.45	0.45	0.10	3.76	15338	94.0578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.851699577
USGS 05439000	7/7/1988	0.45	0.45	0.10	3.76	15338	94.0578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.851699577
USGS 05439000	7/16/1988	0.45	0.45	0.10	3.76	15338	94.0578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.851699577
USGS 05439000	9/3/1988	0.45	0.45	0.10	3.76	15338	94.0578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.851699577
USGS 05439000	9/17/1995	0.45	0.45	0.10	3.76	15338	94.0578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.851699577
USGS 05439000	12/15/1997	0.45	0.45	0.10	3.76	15338	94.0578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.851699577
USGS 05439000	9/14/1999	0.45	0.45	0.10	3.76	15338	94.0578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.851699577
USGS 05439000	8/10/2001	0.45	0.45	0.10	3.76	15338	94.0578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.851699577
USGS 05439000	8/2/2002	0.45	0.45	0.10	3.76	15338	94.0578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.851699577
USGS 05439000	11/28/2002	0.45	0.45	0.10	3.76	15338	94.0578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.851699577
USGS 05439000	12/3/2005	0.45	0.45	0.10	3.76	15338	94.0578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.851699577
USGS 05439000	8/10/2006	0.45	0.45	0.10	3.76	15338	94.0578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.851699577
USGS 05439000	8/24/2008	0.45	0.45	0.10	3.76	15338	94.0578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.851699577
USGS 05439000	7/30/2012	0.45	0.45	0.10	3.76	15338	94.0578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.851699577
USGS 05439000	1/3/2013	0.45	0.45	0.10	3.76	15338	94.0578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.851699577
USGS 05439000	9/29/2013	0.45	0.45	0.10	3.76	15338	94.0578%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.851699577
USGS 05439000	10/3/2005	0.44	0.44	0.10	3.76	15354	94.1559%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.850215886
USGS 05439000	9/10/2011	0.44	0.44	0.10	3.76	15354	94.1559%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.850215886
USGS 05439000	11/15/2012	0.44	0.44	0.10	3.76	15354	94.1559%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.850215886
USGS 05439000	7/31/1988	0.43	0.43	0.10	3.75	15357	94.1743%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.848732195
USGS 05439000	10/19/1988	0.43	0.43	0.10	3.75	15357	94.1743%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.848732195
USGS 05439000	9/18/1995	0.43	0.43	0.10	3.75	15357	94.1743%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.848732195
USGS 05439000	9/28/1995	0.43	0.43	0.10	3.75	15357	94.1743%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.848732195

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/11/1997	0.43	0.43	0.10	3.75	15357	94.1743%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.848732195
USGS 05439000	8/20/1999	0.43	0.43	0.10	3.75	15357	94.1743%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.848732195
USGS 05439000	12/10/2010	0.43	0.43	0.10	3.75	15357	94.1743%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.848732195
USGS 05439000	10/27/2013	0.43	0.43	0.10	3.75	15357	94.1743%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.848732195
USGS 05439000	1/5/2014	0.43	0.43	0.10	3.75	15357	94.1743%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.848732195
USGS 05439000	9/23/1988	0.42	0.42	0.10	3.75	15366	94.2295%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.847248505
USGS 05439000	10/12/1995	0.42	0.42	0.10	3.75	15366	94.2295%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.847248505
USGS 05439000	8/9/2001	0.42	0.42	0.10	3.75	15366	94.2295%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.847248505
USGS 05439000	12/12/2002	0.42	0.42	0.10	3.75	15366	94.2295%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.847248505
USGS 05439000	12/29/2002	0.42	0.42	0.10	3.75	15366	94.2295%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.847248505
USGS 05439000	10/21/2003	0.42	0.42	0.10	3.75	15366	94.2295%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.847248505
USGS 05439000	7/13/2005	0.42	0.42	0.10	3.75	15366	94.2295%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.847248505
USGS 05439000	8/3/2012	0.42	0.42	0.10	3.75	15366	94.2295%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.847248505
USGS 05439000	8/21/2012	0.42	0.42	0.10	3.75	15366	94.2295%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.847248505
USGS 05439000	8/18/2013	0.42	0.42	0.10	3.75	15366	94.2295%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.847248505
USGS 05439000	10/1/2014	0.42	0.42	0.10	3.75	15366	94.2295%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.847248505
USGS 05439000	10/28/1988	0.41	0.41	0.10	3.75	15377	94.2969%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.845764814
USGS 05439000	8/16/1991	0.41	0.41	0.10	3.75	15377	94.2969%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.845764814
USGS 05439000	9/4/1995	0.41	0.41	0.10	3.75	15377	94.2969%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.845764814
USGS 05439000	9/15/1995	0.41	0.41	0.10	3.75	15377	94.2969%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.845764814
USGS 05439000	12/17/1997	0.41	0.41	0.10	3.75	15377	94.2969%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.845764814
USGS 05439000	12/18/1997	0.41	0.41	0.10	3.75	15377	94.2969%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.845764814
USGS 05439000	8/8/2001	0.41	0.41	0.10	3.75	15377	94.2969%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.845764814
USGS 05439000	9/9/2002	0.41	0.41	0.10	3.75	15377	94.2969%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.845764814
USGS 05439000	9/27/2002	0.41	0.41	0.10	3.75	15377	94.2969%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.845764814
USGS 05439000	10/8/2004	0.41	0.41	0.10	3.75	15377	94.2969%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.845764814
USGS 05439000	10/8/2013	0.41	0.41	0.10	3.75	15377	94.2969%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.845764814
USGS 05439000	7/30/1925	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	8/5/1925	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	8/6/1925	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	9/12/1925	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	9/13/1925	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/30/1925	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	10/31/1925	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	11/1/1925	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	11/3/1925	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	11/5/1925	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	12/25/1925	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	9/27/1927	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	10/2/1928	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	10/3/1928	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	10/4/1928	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	8/3/1930	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	8/4/1930	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	8/12/1930	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	8/13/1930	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	1/14/1931	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	1/15/1931	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	9/9/1931	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	10/7/1931	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	7/22/1932	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	10/13/1932	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	10/14/1932	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	10/15/1932	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	10/17/1932	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	10/18/1932	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	10/19/1932	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	10/20/1932	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	10/21/1932	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	10/22/1932	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	8/22/1933	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	8/23/1933	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	8/25/1933	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	8/26/1933	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/27/1933	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	8/29/1933	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	9/26/1933	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	9/28/1933	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	9/16/1988	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	9/5/1995	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	9/18/1997	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	8/28/2001	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	11/13/2005	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	12/30/2005	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	1/9/2006	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	8/19/2013	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	10/29/2013	0.4	0.4	0.10	3.75	15388	94.3644%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.844281124
USGS 05439000	10/26/1988	0.39	0.39	0.10	3.75	15438	94.6710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.842797433
USGS 05439000	9/17/1994	0.39	0.39	0.10	3.75	15438	94.6710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.842797433
USGS 05439000	9/6/1995	0.39	0.39	0.10	3.75	15438	94.6710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.842797433
USGS 05439000	10/8/1997	0.39	0.39	0.10	3.75	15438	94.6710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.842797433
USGS 05439000	9/13/2002	0.39	0.39	0.10	3.75	15438	94.6710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.842797433
USGS 05439000	12/11/2002	0.39	0.39	0.10	3.75	15438	94.6710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.842797433
USGS 05439000	9/20/2005	0.39	0.39	0.10	3.75	15438	94.6710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.842797433
USGS 05439000	9/29/2010	0.39	0.39	0.10	3.75	15438	94.6710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.842797433
USGS 05439000	9/26/2012	0.39	0.39	0.10	3.75	15438	94.6710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.842797433
USGS 05439000	10/28/2013	0.39	0.39	0.10	3.75	15438	94.6710%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.842797433
USGS 05439000	10/4/1995	0.38	0.38	0.10	3.75	15448	94.7323%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.841313743
USGS 05439000	8/6/1997	0.38	0.38	0.10	3.75	15448	94.7323%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.841313743
USGS 05439000	12/19/1997	0.38	0.38	0.10	3.75	15448	94.7323%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.841313743
USGS 05439000	9/12/1998	0.38	0.38	0.10	3.75	15448	94.7323%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.841313743
USGS 05439000	9/4/1999	0.38	0.38	0.10	3.75	15448	94.7323%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.841313743
USGS 05439000	9/29/2002	0.38	0.38	0.10	3.75	15448	94.7323%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.841313743
USGS 05439000	7/31/2005	0.38	0.38	0.10	3.75	15448	94.7323%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.841313743
USGS 05439000	8/17/2005	0.38	0.38	0.10	3.75	15448	94.7323%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.841313743
USGS 05439000	10/4/2005	0.38	0.38	0.10	3.75	15448	94.7323%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.841313743

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/18/1994	0.37	0.37	0.10	3.75	15457	94.7875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.839830052
USGS 05439000	9/14/1995	0.37	0.37	0.10	3.75	15457	94.7875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.839830052
USGS 05439000	9/23/1997	0.37	0.37	0.10	3.75	15457	94.7875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.839830052
USGS 05439000	10/2/1997	0.37	0.37	0.10	3.75	15457	94.7875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.839830052
USGS 05439000	10/21/1997	0.37	0.37	0.10	3.75	15457	94.7875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.839830052
USGS 05439000	8/11/2001	0.37	0.37	0.10	3.75	15457	94.7875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.839830052
USGS 05439000	8/31/2001	0.37	0.37	0.10	3.75	15457	94.7875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.839830052
USGS 05439000	11/29/2002	0.37	0.37	0.10	3.75	15457	94.7875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.839830052
USGS 05439000	12/30/2002	0.37	0.37	0.10	3.75	15457	94.7875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.839830052
USGS 05439000	9/19/2004	0.37	0.37	0.10	3.75	15457	94.7875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.839830052
USGS 05439000	11/19/2005	0.37	0.37	0.10	3.75	15457	94.7875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.839830052
USGS 05439000	9/7/2013	0.37	0.37	0.10	3.75	15457	94.7875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.839830052
USGS 05439000	1/3/2014	0.37	0.37	0.10	3.75	15457	94.7875%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.839830052
USGS 05439000	8/27/1997	0.36	0.36	0.10	3.75	15470	94.8672%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.838346361
USGS 05439000	11/12/1997	0.36	0.36	0.10	3.75	15470	94.8672%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.838346361
USGS 05439000	9/28/2002	0.36	0.36	0.10	3.75	15470	94.8672%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.838346361
USGS 05439000	8/9/2006	0.36	0.36	0.10	3.75	15470	94.8672%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.838346361
USGS 05439000	10/31/2012	0.36	0.36	0.10	3.75	15470	94.8672%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.838346361
USGS 05439000	7/10/1988	0.35	0.35	0.10	3.75	15475	94.8979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.836862671
USGS 05439000	8/30/1988	0.35	0.35	0.10	3.75	15475	94.8979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.836862671
USGS 05439000	8/17/1999	0.35	0.35	0.10	3.75	15475	94.8979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.836862671
USGS 05439000	8/12/2001	0.35	0.35	0.10	3.75	15475	94.8979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.836862671
USGS 05439000	9/30/2002	0.35	0.35	0.10	3.75	15475	94.8979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.836862671
USGS 05439000	12/10/2002	0.35	0.35	0.10	3.75	15475	94.8979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.836862671
USGS 05439000	10/22/2003	0.35	0.35	0.10	3.75	15475	94.8979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.836862671
USGS 05439000	8/30/2006	0.35	0.35	0.10	3.75	15475	94.8979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.836862671
USGS 05439000	9/28/2012	0.35	0.35	0.10	3.75	15475	94.8979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.836862671
USGS 05439000	9/29/2012	0.35	0.35	0.10	3.75	15475	94.8979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.836862671
USGS 05439000	10/16/2013	0.35	0.35	0.10	3.75	15475	94.8979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.836862671
USGS 05439000	12/10/2013	0.35	0.35	0.10	3.75	15475	94.8979%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.836862671
USGS 05439000	7/30/1997	0.34	0.34	0.10	3.75	15487	94.9715%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.83537898
USGS 05439000	8/10/1997	0.34	0.34	0.10	3.75	15487	94.9715%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.83537898

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/5/1999	0.34	0.34	0.10	3.75	15487	94.9715%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.83537898
USGS 05439000	10/1/2004	0.34	0.34	0.10	3.75	15487	94.9715%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.83537898
USGS 05439000	8/28/2008	0.34	0.34	0.10	3.75	15487	94.9715%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.83537898
USGS 05439000	9/22/2013	0.34	0.34	0.10	3.75	15487	94.9715%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.83537898
USGS 05439000	10/27/1988	0.33	0.33	0.10	3.74	15493	95.0083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.83389529
USGS 05439000	10/29/1988	0.33	0.33	0.10	3.74	15493	95.0083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.83389529
USGS 05439000	8/30/1997	0.33	0.33	0.10	3.74	15493	95.0083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.83389529
USGS 05439000	8/31/1997	0.33	0.33	0.10	3.74	15493	95.0083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.83389529
USGS 05439000	9/2/1997	0.33	0.33	0.10	3.74	15493	95.0083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.83389529
USGS 05439000	9/24/1997	0.33	0.33	0.10	3.74	15493	95.0083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.83389529
USGS 05439000	8/10/2002	0.33	0.33	0.10	3.74	15493	95.0083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.83389529
USGS 05439000	9/20/2004	0.33	0.33	0.10	3.74	15493	95.0083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.83389529
USGS 05439000	9/11/2011	0.33	0.33	0.10	3.74	15493	95.0083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.83389529
USGS 05439000	9/27/2012	0.33	0.33	0.10	3.74	15493	95.0083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.83389529
USGS 05439000	11/3/2012	0.33	0.33	0.10	3.74	15493	95.0083%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.83389529
USGS 05439000	8/7/1997	0.32	0.32	0.10	3.74	15504	95.0757%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.832411599
USGS 05439000	8/26/1997	0.32	0.32	0.10	3.74	15504	95.0757%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.832411599
USGS 05439000	10/5/1997	0.32	0.32	0.10	3.74	15504	95.0757%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.832411599
USGS 05439000	9/21/1999	0.32	0.32	0.10	3.74	15504	95.0757%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.832411599
USGS 05439000	8/11/2002	0.32	0.32	0.10	3.74	15504	95.0757%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.832411599
USGS 05439000	12/31/2002	0.32	0.32	0.10	3.74	15504	95.0757%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.832411599
USGS 05439000	10/28/2004	0.32	0.32	0.10	3.74	15504	95.0757%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.832411599
USGS 05439000	7/16/2005	0.32	0.32	0.10	3.74	15504	95.0757%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.832411599
USGS 05439000	11/8/2005	0.32	0.32	0.10	3.74	15504	95.0757%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.832411599
USGS 05439000	8/29/2008	0.32	0.32	0.10	3.74	15504	95.0757%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.832411599
USGS 05439000	12/19/2012	0.32	0.32	0.10	3.74	15504	95.0757%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.832411599
USGS 05439000	8/17/2013	0.32	0.32	0.10	3.74	15504	95.0757%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.832411599
USGS 05439000	9/8/2013	0.32	0.32	0.10	3.74	15504	95.0757%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.832411599
USGS 05439000	9/9/2013	0.32	0.32	0.10	3.74	15504	95.0757%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.832411599
USGS 05439000	8/20/1992	0.31	0.31	0.10	3.74	15518	95.1616%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.830927909
USGS 05439000	8/28/1997	0.31	0.31	0.10	3.74	15518	95.1616%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.830927909
USGS 05439000	9/4/1997	0.31	0.31	0.10	3.74	15518	95.1616%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.830927909

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/15/1997	0.31	0.31	0.10	3.74	15518	95.1616%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.830927909
USGS 05439000	9/30/1997	0.31	0.31	0.10	3.74	15518	95.1616%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.830927909
USGS 05439000	10/3/1997	0.31	0.31	0.10	3.74	15518	95.1616%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.830927909
USGS 05439000	8/15/2001	0.31	0.31	0.10	3.74	15518	95.1616%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.830927909
USGS 05439000	9/12/2004	0.31	0.31	0.10	3.74	15518	95.1616%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.830927909
USGS 05439000	8/3/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/4/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/15/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/16/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/19/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/21/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/22/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/23/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/24/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/25/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/26/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/27/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/28/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/29/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/30/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/31/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/1/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/2/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/3/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/4/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/5/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/6/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/7/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/8/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/10/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/15/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/16/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/19/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	10/1/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	10/7/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	10/24/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	11/2/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	11/6/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	12/26/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	12/27/1925	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/23/1927	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/10/1927	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/12/1927	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/13/1927	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/14/1927	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/19/1927	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/24/1927	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/25/1927	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/12/1929	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	7/28/1930	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/6/1930	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/1/1930	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/15/1930	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	1/16/1931	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	1/17/1931	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	1/18/1931	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	1/19/1931	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	1/20/1931	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	1/21/1931	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/20/1931	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/13/1931	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	7/23/1932	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	7/24/1932	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	7/25/1932	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	7/26/1932	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/13/1932	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/14/1932	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/15/1932	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/27/1932	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/29/1932	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/2/1932	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/3/1932	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/18/1932	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/19/1932	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/20/1932	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	10/5/1932	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/19/1933	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/25/1933	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/29/1933	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	10/16/1933	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	10/22/1933	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	10/23/1933	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	10/24/1933	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	10/26/1933	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	7/11/1988	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	7/22/1988	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/19/1994	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/29/1997	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/29/1997	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	8/29/2001	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	12/9/2002	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/2/2003	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	11/20/2005	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	11/1/2012	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	12/12/2013	0.3	0.3	0.10	3.74	15526	95.2106%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.829444218
USGS 05439000	9/10/1988	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/18/1988	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	10/5/1988	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	8/9/1997	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	9/5/1997	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	9/27/1997	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	9/28/1997	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	8/13/2001	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	8/30/2001	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	12/8/2002	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	9/15/2003	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	9/28/2003	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	7/14/2005	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	1/10/2006	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	9/9/2011	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	9/12/2012	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	11/16/2012	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	12/30/2012	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	1/9/2013	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	12/27/2013	0.29	0.29	0.10	3.74	15616	95.7626%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.827960527
USGS 05439000	10/21/1933	0.28	0.28	0.10	3.74	15636	95.8852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.826476837
USGS 05439000	9/3/1997	0.28	0.28	0.10	3.74	15636	95.8852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.826476837
USGS 05439000	10/22/1997	0.28	0.28	0.10	3.74	15636	95.8852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.826476837
USGS 05439000	8/21/1999	0.28	0.28	0.10	3.74	15636	95.8852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.826476837
USGS 05439000	8/14/2001	0.28	0.28	0.10	3.74	15636	95.8852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.826476837
USGS 05439000	9/1/2001	0.28	0.28	0.10	3.74	15636	95.8852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.826476837
USGS 05439000	9/15/2002	0.28	0.28	0.10	3.74	15636	95.8852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.826476837
USGS 05439000	11/30/2002	0.28	0.28	0.10	3.74	15636	95.8852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.826476837
USGS 05439000	1/1/2003	0.28	0.28	0.10	3.74	15636	95.8852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.826476837
USGS 05439000	9/10/2004	0.28	0.28	0.10	3.74	15636	95.8852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.826476837
USGS 05439000	9/19/2005	0.28	0.28	0.10	3.74	15636	95.8852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.826476837
USGS 05439000	9/12/2011	0.28	0.28	0.10	3.74	15636	95.8852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.826476837
USGS 05439000	12/28/2013	0.28	0.28	0.10	3.74	15636	95.8852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.826476837

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/2/2014	0.28	0.28	0.10	3.74	15636	95.8852%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.826476837
USGS 05439000	7/9/1988	0.27	0.27	0.10	3.74	15650	95.9711%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.824993146
USGS 05439000	9/6/1997	0.27	0.27	0.10	3.74	15650	95.9711%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.824993146
USGS 05439000	10/10/1997	0.27	0.27	0.10	3.74	15650	95.9711%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.824993146
USGS 05439000	9/6/1999	0.27	0.27	0.10	3.74	15650	95.9711%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.824993146
USGS 05439000	9/2/2001	0.27	0.27	0.10	3.74	15650	95.9711%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.824993146
USGS 05439000	12/7/2002	0.27	0.27	0.10	3.74	15650	95.9711%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.824993146
USGS 05439000	9/21/2004	0.27	0.27	0.10	3.74	15650	95.9711%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.824993146
USGS 05439000	10/9/2004	0.27	0.27	0.10	3.74	15650	95.9711%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.824993146
USGS 05439000	12/4/2005	0.27	0.27	0.10	3.74	15650	95.9711%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.824993146
USGS 05439000	8/18/1999	0.26	0.26	0.10	3.74	15659	96.0262%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.823509456
USGS 05439000	3/9/2003	0.26	0.26	0.10	3.74	15659	96.0262%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.823509456
USGS 05439000	9/1/2003	0.26	0.26	0.10	3.74	15659	96.0262%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.823509456
USGS 05439000	7/15/2005	0.26	0.26	0.10	3.74	15659	96.0262%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.823509456
USGS 05439000	8/12/2006	0.26	0.26	0.10	3.74	15659	96.0262%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.823509456
USGS 05439000	10/8/2010	0.26	0.26	0.10	3.74	15659	96.0262%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.823509456
USGS 05439000	8/9/2012	0.26	0.26	0.10	3.74	15659	96.0262%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.823509456
USGS 05439000	10/5/2012	0.26	0.26	0.10	3.74	15659	96.0262%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.823509456
USGS 05439000	9/23/2013	0.26	0.26	0.10	3.74	15659	96.0262%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.823509456
USGS 05439000	10/9/2013	0.26	0.26	0.10	3.74	15659	96.0262%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.823509456
USGS 05439000	12/29/2013	0.26	0.26	0.10	3.74	15659	96.0262%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.823509456
USGS 05439000	8/5/1997	0.25	0.25	0.10	3.74	15670	96.0937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.822025765
USGS 05439000	10/23/1997	0.25	0.25	0.10	3.74	15670	96.0937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.822025765
USGS 05439000	11/13/1997	0.25	0.25	0.10	3.74	15670	96.0937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.822025765
USGS 05439000	12/1/2002	0.25	0.25	0.10	3.74	15670	96.0937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.822025765
USGS 05439000	1/2/2003	0.25	0.25	0.10	3.74	15670	96.0937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.822025765
USGS 05439000	7/17/2005	0.25	0.25	0.10	3.74	15670	96.0937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.822025765
USGS 05439000	8/25/2005	0.25	0.25	0.10	3.74	15670	96.0937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.822025765
USGS 05439000	9/28/2005	0.25	0.25	0.10	3.74	15670	96.0937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.822025765
USGS 05439000	1/11/2006	0.25	0.25	0.10	3.74	15670	96.0937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.822025765
USGS 05439000	7/17/2012	0.25	0.25	0.10	3.74	15670	96.0937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.822025765
USGS 05439000	8/8/2012	0.25	0.25	0.10	3.74	15670	96.0937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.822025765

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/30/2013	0.25	0.25	0.10	3.74	15670	96.0937%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.822025765
USGS 05439000	8/5/1988	0.24	0.24	0.10	3.74	15682	96.1673%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.820542075
USGS 05439000	9/8/1997	0.24	0.24	0.10	3.74	15682	96.1673%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.820542075
USGS 05439000	9/8/1999	0.24	0.24	0.10	3.74	15682	96.1673%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.820542075
USGS 05439000	9/16/1999	0.24	0.24	0.10	3.74	15682	96.1673%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.820542075
USGS 05439000	12/6/2002	0.24	0.24	0.10	3.74	15682	96.1673%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.820542075
USGS 05439000	8/13/2003	0.24	0.24	0.10	3.74	15682	96.1673%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.820542075
USGS 05439000	8/23/2003	0.24	0.24	0.10	3.74	15682	96.1673%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.820542075
USGS 05439000	9/11/2004	0.24	0.24	0.10	3.74	15682	96.1673%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.820542075
USGS 05439000	9/13/2004	0.24	0.24	0.10	3.74	15682	96.1673%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.820542075
USGS 05439000	8/1/2005	0.24	0.24	0.10	3.74	15682	96.1673%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.820542075
USGS 05439000	8/26/2005	0.24	0.24	0.10	3.74	15682	96.1673%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.820542075
USGS 05439000	11/21/2005	0.24	0.24	0.10	3.74	15682	96.1673%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.820542075
USGS 05439000	8/20/2006	0.24	0.24	0.10	3.74	15682	96.1673%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.820542075
USGS 05439000	11/4/2012	0.24	0.24	0.10	3.74	15682	96.1673%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.820542075
USGS 05439000	1/8/2013	0.24	0.24	0.10	3.74	15682	96.1673%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.820542075
USGS 05439000	10/15/2013	0.24	0.24	0.10	3.74	15682	96.1673%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.820542075
USGS 05439000	12/7/2013	0.24	0.24	0.10	3.74	15682	96.1673%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.820542075
USGS 05439000	7/8/1988	0.23	0.23	0.10	3.74	15699	96.2715%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.819058384
USGS 05439000	10/10/1988	0.23	0.23	0.10	3.74	15699	96.2715%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.819058384
USGS 05439000	8/8/1997	0.23	0.23	0.10	3.74	15699	96.2715%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.819058384
USGS 05439000	9/10/1997	0.23	0.23	0.10	3.74	15699	96.2715%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.819058384
USGS 05439000	8/22/1999	0.23	0.23	0.10	3.74	15699	96.2715%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.819058384
USGS 05439000	10/16/2004	0.23	0.23	0.10	3.74	15699	96.2715%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.819058384
USGS 05439000	1/12/2006	0.23	0.23	0.10	3.74	15699	96.2715%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.819058384
USGS 05439000	1/26/2006	0.23	0.23	0.10	3.74	15699	96.2715%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.819058384
USGS 05439000	11/7/2012	0.23	0.23	0.10	3.74	15699	96.2715%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.819058384
USGS 05439000	12/31/2012	0.23	0.23	0.10	3.74	15699	96.2715%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.819058384
USGS 05439000	12/30/2013	0.23	0.23	0.10	3.74	15699	96.2715%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.819058384
USGS 05439000	1/2/2014	0.23	0.23	0.10	3.74	15699	96.2715%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.819058384
USGS 05439000	10/7/1988	0.22	0.22	0.10	3.73	15711	96.3451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.817574694
USGS 05439000	9/9/1997	0.22	0.22	0.10	3.73	15711	96.3451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.817574694

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/26/1997	0.22	0.22	0.10	3.73	15711	96.3451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.817574694
USGS 05439000	10/6/1997	0.22	0.22	0.10	3.73	15711	96.3451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.817574694
USGS 05439000	9/15/1999	0.22	0.22	0.10	3.73	15711	96.3451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.817574694
USGS 05439000	12/2/2002	0.22	0.22	0.10	3.73	15711	96.3451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.817574694
USGS 05439000	12/5/2002	0.22	0.22	0.10	3.73	15711	96.3451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.817574694
USGS 05439000	10/5/2005	0.22	0.22	0.10	3.73	15711	96.3451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.817574694
USGS 05439000	1/13/2006	0.22	0.22	0.10	3.73	15711	96.3451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.817574694
USGS 05439000	1/25/2006	0.22	0.22	0.10	3.73	15711	96.3451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.817574694
USGS 05439000	12/9/2010	0.22	0.22	0.10	3.73	15711	96.3451%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.817574694
USGS 05439000	9/7/1988	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	9/9/1988	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	9/11/1988	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	10/13/1988	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	10/31/1988	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	9/11/1997	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	9/14/1997	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	11/14/1997	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	9/7/1999	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	12/3/2002	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	12/4/2002	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	1/3/2003	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	10/12/2003	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	10/2/2004	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	11/10/2005	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	12/5/2005	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	1/14/2006	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	1/15/2006	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	1/16/2006	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	1/23/2006	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	1/24/2006	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	10/8/2012	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003
USGS 05439000	12/12/2012	0.21	0.21	0.10	3.73	15722	96.4126%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.816091003

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/17/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/18/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/20/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/9/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/17/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/18/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/20/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/21/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/22/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/23/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/24/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/25/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/26/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/27/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/6/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/8/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/9/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/10/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/17/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/18/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/21/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/22/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/23/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/27/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/28/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/29/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	12/28/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	12/29/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	12/30/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	12/31/1925	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	1/1/1926	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	1/2/1926	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/22/1927	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/24/1927	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/25/1927	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/26/1927	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/27/1927	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/28/1927	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/29/1927	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/30/1927	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/31/1927	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/1/1927	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/2/1927	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/3/1927	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/4/1927	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/5/1927	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/20/1927	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/13/1929	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/14/1929	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/16/1930	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/31/1931	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/14/1931	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	7/27/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	7/28/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	7/29/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/3/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/4/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/5/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/7/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/9/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/11/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/12/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/16/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/23/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/24/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/26/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	8/30/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/4/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/21/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/22/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/23/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/6/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/7/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/9/1932	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/15/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/16/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/17/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/18/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/20/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/21/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/22/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/23/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/24/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/30/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/1/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/2/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/3/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/4/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/5/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/6/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/7/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/8/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/9/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/10/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/11/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/12/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/13/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/14/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/15/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/17/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/18/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/19/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/20/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/25/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/27/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/28/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/29/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/30/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/31/1933	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	9/1/1997	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/7/1997	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	1/17/2006	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	1/18/2006	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	10/7/2012	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	11/17/2012	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	1/1/2013	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	12/13/2013	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	12/31/2013	0.2	0.2	0.10	3.73	15745	96.5536%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.814607312
USGS 05439000	7/23/1988	0.19	0.19	0.10	3.73	15863	97.2772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.813123622
USGS 05439000	10/16/1988	0.19	0.19	0.10	3.73	15863	97.2772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.813123622
USGS 05439000	8/4/1997	0.19	0.19	0.10	3.73	15863	97.2772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.813123622
USGS 05439000	9/12/1997	0.19	0.19	0.10	3.73	15863	97.2772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.813123622
USGS 05439000	9/19/1997	0.19	0.19	0.10	3.73	15863	97.2772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.813123622
USGS 05439000	1/4/2003	0.19	0.19	0.10	3.73	15863	97.2772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.813123622
USGS 05439000	8/16/2003	0.19	0.19	0.10	3.73	15863	97.2772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.813123622
USGS 05439000	9/22/2003	0.19	0.19	0.10	3.73	15863	97.2772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.813123622
USGS 05439000	7/18/2005	0.19	0.19	0.10	3.73	15863	97.2772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.813123622
USGS 05439000	11/26/2005	0.19	0.19	0.10	3.73	15863	97.2772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.813123622

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	1/19/2006	0.19	0.19	0.10	3.73	15863	97.2772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.813123622
USGS 05439000	1/20/2006	0.19	0.19	0.10	3.73	15863	97.2772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.813123622
USGS 05439000	1/21/2006	0.19	0.19	0.10	3.73	15863	97.2772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.813123622
USGS 05439000	1/22/2006	0.19	0.19	0.10	3.73	15863	97.2772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.813123622
USGS 05439000	8/18/2006	0.19	0.19	0.10	3.73	15863	97.2772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.813123622
USGS 05439000	10/6/2012	0.19	0.19	0.10	3.73	15863	97.2772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.813123622
USGS 05439000	11/8/2012	0.19	0.19	0.10	3.73	15863	97.2772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.813123622
USGS 05439000	1/1/2014	0.19	0.19	0.10	3.73	15863	97.2772%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.813123622
USGS 05439000	9/8/1988	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	9/14/1988	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	9/17/1988	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	10/6/1988	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	10/8/1988	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	10/9/1988	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	10/11/1988	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	9/13/1997	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	9/17/1999	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	1/5/2003	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	9/29/2003	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	10/17/2004	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	10/2/2005	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	11/12/2005	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	8/13/2006	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	11/9/2012	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	1/7/2013	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	9/24/2013	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	12/9/2013	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	12/11/2013	0.18	0.18	0.10	3.73	15881	97.3876%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.811639931
USGS 05439000	7/31/1997	0.17	0.17	0.10	3.73	15901	97.5103%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.810156241
USGS 05439000	8/3/1997	0.17	0.17	0.10	3.73	15901	97.5103%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.810156241
USGS 05439000	8/3/2002	0.17	0.17	0.10	3.73	15901	97.5103%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.810156241
USGS 05439000	8/15/2003	0.17	0.17	0.10	3.73	15901	97.5103%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.810156241

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/17/2003	0.17	0.17	0.10	3.73	15901	97.5103%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.810156241
USGS 05439000	9/14/2004	0.17	0.17	0.10	3.73	15901	97.5103%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.810156241
USGS 05439000	9/22/2004	0.17	0.17	0.10	3.73	15901	97.5103%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.810156241
USGS 05439000	11/22/2005	0.17	0.17	0.10	3.73	15901	97.5103%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.810156241
USGS 05439000	12/6/2005	0.17	0.17	0.10	3.73	15901	97.5103%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.810156241
USGS 05439000	8/30/2008	0.17	0.17	0.10	3.73	15901	97.5103%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.810156241
USGS 05439000	9/30/2010	0.17	0.17	0.10	3.73	15901	97.5103%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.810156241
USGS 05439000	10/19/2010	0.17	0.17	0.10	3.73	15901	97.5103%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.810156241
USGS 05439000	11/6/2012	0.17	0.17	0.10	3.73	15901	97.5103%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.810156241
USGS 05439000	1/6/2014	0.17	0.17	0.10	3.73	15901	97.5103%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.810156241
USGS 05439000	8/5/1931	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	8/6/1931	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	8/7/1931	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	8/17/1931	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	8/18/1931	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	8/21/1931	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	8/22/1931	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	9/22/1931	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	10/10/1931	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	7/24/1988	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	9/22/1997	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	10/11/1997	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	9/18/1999	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	1/6/2003	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	8/14/2003	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	9/16/2005	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	11/25/2005	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	12/10/2005	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	11/18/2012	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	11/22/2012	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	10/10/2013	0.16	0.16	0.10	3.73	15915	97.5961%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80867255
USGS 05439000	8/1/1997	0.15	0.15	0.10	3.73	15936	97.7249%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80718886

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/21/1997	0.15	0.15	0.10	3.73	15936	97.7249%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80718886
USGS 05439000	9/25/1997	0.15	0.15	0.10	3.73	15936	97.7249%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80718886
USGS 05439000	9/28/2004	0.15	0.15	0.10	3.73	15936	97.7249%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80718886
USGS 05439000	10/15/2004	0.15	0.15	0.10	3.73	15936	97.7249%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80718886
USGS 05439000	11/5/2005	0.15	0.15	0.10	3.73	15936	97.7249%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80718886
USGS 05439000	11/23/2005	0.15	0.15	0.10	3.73	15936	97.7249%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80718886
USGS 05439000	12/7/2005	0.15	0.15	0.10	3.73	15936	97.7249%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80718886
USGS 05439000	12/11/2005	0.15	0.15	0.10	3.73	15936	97.7249%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80718886
USGS 05439000	12/12/2005	0.15	0.15	0.10	3.73	15936	97.7249%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80718886
USGS 05439000	12/13/2005	0.15	0.15	0.10	3.73	15936	97.7249%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80718886
USGS 05439000	11/5/2012	0.15	0.15	0.10	3.73	15936	97.7249%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80718886
USGS 05439000	11/10/2012	0.15	0.15	0.10	3.73	15936	97.7249%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80718886
USGS 05439000	1/6/2013	0.15	0.15	0.10	3.73	15936	97.7249%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80718886
USGS 05439000	8/29/2013	0.15	0.15	0.10	3.73	15936	97.7249%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.80718886
USGS 05439000	7/17/1988	0.14	0.14	0.10	3.73	15951	97.8169%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.805705169
USGS 05439000	8/2/1997	0.14	0.14	0.10	3.73	15951	97.8169%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.805705169
USGS 05439000	9/20/1997	0.14	0.14	0.10	3.73	15951	97.8169%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.805705169
USGS 05439000	9/22/1999	0.14	0.14	0.10	3.73	15951	97.8169%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.805705169
USGS 05439000	1/7/2003	0.14	0.14	0.10	3.73	15951	97.8169%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.805705169
USGS 05439000	9/3/2003	0.14	0.14	0.10	3.73	15951	97.8169%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.805705169
USGS 05439000	9/30/2003	0.14	0.14	0.10	3.73	15951	97.8169%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.805705169
USGS 05439000	9/21/2005	0.14	0.14	0.10	3.73	15951	97.8169%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.805705169
USGS 05439000	10/23/2005	0.14	0.14	0.10	3.73	15951	97.8169%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.805705169
USGS 05439000	12/8/2005	0.14	0.14	0.10	3.73	15951	97.8169%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.805705169
USGS 05439000	12/9/2005	0.14	0.14	0.10	3.73	15951	97.8169%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.805705169
USGS 05439000	12/14/2005	0.14	0.14	0.10	3.73	15951	97.8169%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.805705169
USGS 05439000	12/15/2005	0.14	0.14	0.10	3.73	15951	97.8169%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.805705169
USGS 05439000	10/14/2010	0.14	0.14	0.10	3.73	15951	97.8169%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.805705169
USGS 05439000	9/15/1931	0.13	0.13	0.10	3.73	15965	97.9027%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.804221478
USGS 05439000	9/19/1931	0.13	0.13	0.10	3.73	15965	97.9027%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.804221478
USGS 05439000	9/20/1931	0.13	0.13	0.10	3.73	15965	97.9027%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.804221478
USGS 05439000	9/23/1931	0.13	0.13	0.10	3.73	15965	97.9027%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.804221478

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/26/1931	0.13	0.13	0.10	3.73	15965	97.9027%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.804221478
USGS 05439000	8/19/1992	0.13	0.13	0.10	3.73	15965	97.9027%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.804221478
USGS 05439000	9/9/1999	0.13	0.13	0.10	3.73	15965	97.9027%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.804221478
USGS 05439000	12/16/2005	0.13	0.13	0.10	3.73	15965	97.9027%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.804221478
USGS 05439000	12/29/2005	0.13	0.13	0.10	3.73	15965	97.9027%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.804221478
USGS 05439000	11/19/2012	0.13	0.13	0.10	3.73	15965	97.9027%	Phosphorus, Total	0.071	mg/L	0.289	28.3	1.425950605	5.804221478
USGS 05439000	11/19/2012	0.13	0.13	0.10	3.73	15965	97.9027%	Phosphorus, Total	4.25	mg/L	0.289	28.3	85.35619821	5.804221478
USGS 05439000	11/23/2012	0.13	0.13	0.10	3.73	15965	97.9027%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.804221478
USGS 05439000	12/8/2013	0.13	0.13	0.10	3.73	15965	97.9027%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.804221478
USGS 05439000	12/14/2013	0.13	0.13	0.10	3.73	15965	97.9027%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.804221478
USGS 05439000	8/29/1988	0.12	0.12	0.10	3.72	15979	97.9886%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.802737788
USGS 05439000	1/8/2003	0.12	0.12	0.10	3.72	15979	97.9886%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.802737788
USGS 05439000	10/4/2004	0.12	0.12	0.10	3.72	15979	97.9886%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.802737788
USGS 05439000	10/18/2004	0.12	0.12	0.10	3.72	15979	97.9886%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.802737788
USGS 05439000	12/17/2005	0.12	0.12	0.10	3.72	15979	97.9886%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.802737788
USGS 05439000	12/18/2005	0.12	0.12	0.10	3.72	15979	97.9886%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.802737788
USGS 05439000	10/1/2010	0.12	0.12	0.10	3.72	15979	97.9886%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.802737788
USGS 05439000	10/11/2010	0.12	0.12	0.10	3.72	15979	97.9886%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.802737788
USGS 05439000	10/18/2010	0.12	0.12	0.10	3.72	15979	97.9886%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.802737788
USGS 05439000	11/24/2012	0.12	0.12	0.10	3.72	15979	97.9886%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.802737788
USGS 05439000	9/10/2013	0.12	0.12	0.10	3.72	15979	97.9886%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.802737788
USGS 05439000	10/11/2013	0.12	0.12	0.10	3.72	15979	97.9886%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.802737788
USGS 05439000	12/15/2013	0.12	0.12	0.10	3.72	15979	97.9886%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.802737788
USGS 05439000	9/25/1988	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	10/30/1988	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	10/12/1997	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	8/21/2003	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	9/16/2003	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	9/23/2004	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	9/29/2004	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	10/3/2004	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	8/2/2005	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/27/2005	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	12/19/2005	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	12/20/2005	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	12/21/2005	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	12/22/2005	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	12/23/2005	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	12/24/2005	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	12/25/2005	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	12/26/2005	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	12/27/2005	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	12/28/2005	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	10/5/2010	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	11/20/2012	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	11/25/2012	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	12/13/2012	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	1/2/2013	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	9/27/2013	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	12/16/2013	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	12/19/2013	0.11	0.11	0.10	3.72	15992	98.0683%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.801254097
USGS 05439000	9/28/1925	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/29/1925	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	10/3/1925	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	10/4/1925	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	10/5/1925	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	10/11/1925	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	10/12/1925	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	10/13/1925	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	10/14/1925	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	10/15/1925	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	10/16/1925	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	10/19/1925	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	10/20/1925	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/15/1929	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	8/7/1930	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	8/24/1930	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/17/1930	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	8/23/1931	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/5/1931	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/17/1931	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	8/1/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	8/6/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	8/8/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	8/10/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	8/17/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	8/18/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	8/19/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	8/20/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	8/21/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	8/22/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	8/25/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/5/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/6/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/7/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/8/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/9/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/24/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/25/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/26/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/27/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/29/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	10/3/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	10/8/1932	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	8/1/1988	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/13/1988	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	10/12/1988	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/29/1995	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	1/9/2003	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	8/24/2003	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	10/3/2003	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	10/13/2003	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	10/5/2004	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	11/24/2005	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	8/31/2006	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/22/2011	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	8/10/2012	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	11/21/2012	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/12/2013	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/25/2013	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/26/2013	0.1	0.1	0.10	3.72	16020	98.2400%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.799770407
USGS 05439000	9/10/1932	0.09	0.09	0.10	3.72	16080	98.6080%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.798286716
USGS 05439000	9/11/1932	0.09	0.09	0.10	3.72	16080	98.6080%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.798286716
USGS 05439000	9/28/1932	0.09	0.09	0.10	3.72	16080	98.6080%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.798286716
USGS 05439000	9/30/1932	0.09	0.09	0.10	3.72	16080	98.6080%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.798286716
USGS 05439000	7/12/1988	0.09	0.09	0.10	3.72	16080	98.6080%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.798286716
USGS 05439000	3/8/2003	0.09	0.09	0.10	3.72	16080	98.6080%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.798286716
USGS 05439000	8/18/2003	0.09	0.09	0.10	3.72	16080	98.6080%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.798286716
USGS 05439000	8/20/2003	0.09	0.09	0.10	3.72	16080	98.6080%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.798286716
USGS 05439000	10/1/2003	0.09	0.09	0.10	3.72	16080	98.6080%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.798286716
USGS 05439000	8/31/2008	0.09	0.09	0.10	3.72	16080	98.6080%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.798286716
USGS 05439000	1/4/2013	0.09	0.09	0.10	3.72	16080	98.6080%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.798286716
USGS 05439000	9/28/2013	0.09	0.09	0.10	3.72	16080	98.6080%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.798286716
USGS 05439000	12/17/2013	0.09	0.09	0.10	3.72	16080	98.6080%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.798286716
USGS 05439000	12/18/2013	0.09	0.09	0.10	3.72	16080	98.6080%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.798286716
USGS 05439000	8/25/1930	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	8/24/1931	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	8/25/1931	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/18/1931	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	9/21/1931	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	9/24/1931	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	7/30/1932	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	10/1/1932	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	10/2/1932	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	7/13/1988	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	9/15/1988	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	9/30/1988	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	9/20/1994	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	1/10/2003	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	8/19/2003	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	8/31/2003	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	10/4/2003	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	10/19/2004	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	7/19/2005	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	9/29/2005	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	10/9/2010	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	10/16/2010	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	10/22/2010	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	8/22/2012	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	8/29/2012	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	12/4/2012	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	12/14/2012	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	1/5/2013	0.08	0.08	0.10	3.72	16094	98.6938%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.796803026
USGS 05439000	10/8/1931	0.07	0.07	0.10	3.72	16122	98.8655%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.795319335
USGS 05439000	7/14/1988	0.07	0.07	0.10	3.72	16122	98.8655%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.795319335
USGS 05439000	9/10/1999	0.07	0.07	0.10	3.72	16122	98.8655%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.795319335
USGS 05439000	1/11/2003	0.07	0.07	0.10	3.72	16122	98.8655%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.795319335
USGS 05439000	10/5/2003	0.07	0.07	0.10	3.72	16122	98.8655%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.795319335
USGS 05439000	9/27/2004	0.07	0.07	0.10	3.72	16122	98.8655%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.795319335
USGS 05439000	9/3/2006	0.07	0.07	0.10	3.72	16122	98.8655%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.795319335

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/27/2008	0.07	0.07	0.10	3.72	16122	98.8655%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.795319335
USGS 05439000	10/6/2010	0.07	0.07	0.10	3.72	16122	98.8655%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.795319335
USGS 05439000	12/3/2012	0.07	0.07	0.10	3.72	16122	98.8655%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.795319335
USGS 05439000	12/7/2012	0.07	0.07	0.10	3.72	16122	98.8655%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.795319335
USGS 05439000	9/11/2013	0.07	0.07	0.10	3.72	16122	98.8655%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.795319335
USGS 05439000	9/13/2013	0.07	0.07	0.10	3.72	16122	98.8655%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.795319335
USGS 05439000	10/1/2013	0.07	0.07	0.10	3.72	16122	98.8655%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.795319335
USGS 05439000	7/29/1930	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	8/26/1930	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	9/18/1930	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	9/19/1930	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	9/20/1930	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	9/7/1931	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	9/16/1931	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	9/27/1931	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	7/31/1932	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	9/1/1988	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	9/28/1988	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	9/29/1988	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	1/12/2003	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	9/24/2003	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	10/6/2003	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	9/24/2004	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	9/30/2004	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	10/6/2004	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	9/17/2005	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	9/30/2005	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	9/15/2011	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	11/26/2012	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	8/20/2013	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	1/7/2014	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644
USGS 05439000	1/9/2014	0.06	0.06	0.10	3.72	16136	98.9514%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.793835644

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/27/1930	0.05	0.05	0.10	3.72	16161	99.1047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.792351954
USGS 05439000	9/21/1930	0.05	0.05	0.10	3.72	16161	99.1047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.792351954
USGS 05439000	9/22/1930	0.05	0.05	0.10	3.72	16161	99.1047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.792351954
USGS 05439000	9/28/1931	0.05	0.05	0.10	3.72	16161	99.1047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.792351954
USGS 05439000	10/9/1931	0.05	0.05	0.10	3.72	16161	99.1047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.792351954
USGS 05439000	8/6/1988	0.05	0.05	0.10	3.72	16161	99.1047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.792351954
USGS 05439000	9/16/2002	0.05	0.05	0.10	3.72	16161	99.1047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.792351954
USGS 05439000	1/13/2003	0.05	0.05	0.10	3.72	16161	99.1047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.792351954
USGS 05439000	8/28/2003	0.05	0.05	0.10	3.72	16161	99.1047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.792351954
USGS 05439000	10/11/2003	0.05	0.05	0.10	3.72	16161	99.1047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.792351954
USGS 05439000	8/3/2005	0.05	0.05	0.10	3.72	16161	99.1047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.792351954
USGS 05439000	9/15/2005	0.05	0.05	0.10	3.72	16161	99.1047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.792351954
USGS 05439000	11/11/2005	0.05	0.05	0.10	3.72	16161	99.1047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.792351954
USGS 05439000	8/21/2006	0.05	0.05	0.10	3.72	16161	99.1047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.792351954
USGS 05439000	11/27/2012	0.05	0.05	0.10	3.72	16161	99.1047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.792351954
USGS 05439000	12/2/2012	0.05	0.05	0.10	3.72	16161	99.1047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.792351954
USGS 05439000	9/14/2013	0.05	0.05	0.10	3.72	16161	99.1047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.792351954
USGS 05439000	10/2/2013	0.05	0.05	0.10	3.72	16161	99.1047%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.792351954
USGS 05439000	8/28/1930	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	8/29/1930	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	9/24/1930	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	9/25/1930	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	9/29/1931	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	9/30/1931	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	10/1/1931	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	10/2/1931	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	7/15/1988	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	9/21/1994	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	1/14/2003	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	3/7/2003	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	9/4/2003	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	8/10/2005	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/22/2005	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	8/14/2006	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	10/7/2010	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	9/13/2011	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	8/30/2012	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	9/3/2012	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	11/28/2012	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	11/29/2012	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	11/30/2012	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	12/1/2012	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	12/5/2012	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	8/21/2013	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	1/8/2014	0.04	0.04	0.10	3.72	16179	99.2151%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.790868263
USGS 05439000	8/30/1930	0.03	0.03	0.10	3.72	16206	99.3806%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.789384573
USGS 05439000	9/23/1930	0.03	0.03	0.10	3.72	16206	99.3806%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.789384573
USGS 05439000	10/3/1931	0.03	0.03	0.10	3.72	16206	99.3806%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.789384573
USGS 05439000	9/23/1999	0.03	0.03	0.10	3.72	16206	99.3806%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.789384573
USGS 05439000	9/26/1999	0.03	0.03	0.10	3.72	16206	99.3806%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.789384573
USGS 05439000	9/17/2002	0.03	0.03	0.10	3.72	16206	99.3806%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.789384573
USGS 05439000	1/15/2003	0.03	0.03	0.10	3.72	16206	99.3806%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.789384573
USGS 05439000	1/16/2003	0.03	0.03	0.10	3.72	16206	99.3806%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.789384573
USGS 05439000	10/2/2003	0.03	0.03	0.10	3.72	16206	99.3806%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.789384573
USGS 05439000	10/10/2004	0.03	0.03	0.10	3.72	16206	99.3806%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.789384573
USGS 05439000	10/20/2004	0.03	0.03	0.10	3.72	16206	99.3806%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.789384573
USGS 05439000	10/21/2004	0.03	0.03	0.10	3.72	16206	99.3806%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.789384573
USGS 05439000	10/1/2005	0.03	0.03	0.10	3.72	16206	99.3806%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.789384573
USGS 05439000	10/13/2010	0.03	0.03	0.10	3.72	16206	99.3806%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.789384573
USGS 05439000	10/21/2010	0.03	0.03	0.10	3.72	16206	99.3806%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.789384573
USGS 05439000	8/31/2012	0.03	0.03	0.10	3.72	16206	99.3806%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.789384573
USGS 05439000	9/2/2012	0.03	0.03	0.10	3.72	16206	99.3806%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.789384573
USGS 05439000	12/6/2012	0.03	0.03	0.10	3.72	16206	99.3806%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.789384573
USGS 05439000	7/30/1930	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/1/1930	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	8/2/1930	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	9/2/1988	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	9/26/1988	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	1/17/2003	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	1/18/2003	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	1/19/2003	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	2/3/2003	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	2/4/2003	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	2/25/2003	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	2/26/2003	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	2/27/2003	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	2/28/2003	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	3/1/2003	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	3/2/2003	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	3/3/2003	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	3/4/2003	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	3/5/2003	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	3/6/2003	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	8/29/2003	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	9/17/2003	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	8/4/2005	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	8/5/2005	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	8/6/2005	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	8/7/2005	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	8/8/2005	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	8/9/2005	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	9/14/2005	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	10/6/2005	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	10/10/2010	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	9/14/2011	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	8/11/2012	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	8/12/2012	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	8/23/2012	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	8/24/2012	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	8/25/2012	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	9/1/2012	0.02	0.02	0.10	3.72	16224	99.4910%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.787900882
USGS 05439000	7/31/1930	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	10/4/1931	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	10/5/1931	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	10/6/1931	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	9/27/1988	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	9/25/1999	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	1/20/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	1/21/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	1/22/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	1/23/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	1/24/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	1/25/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	1/26/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	1/28/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	1/29/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	1/30/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	1/31/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	2/1/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	2/2/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	2/5/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	2/6/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	2/7/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	2/8/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	2/9/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	2/13/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	2/14/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	2/15/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	2/16/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	2/17/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	2/18/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	2/19/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	2/20/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	2/21/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	2/22/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	2/23/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	2/24/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	8/25/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	9/21/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	10/7/2003	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	10/7/2004	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	8/26/2008	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	10/15/2010	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	10/20/2010	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	9/16/2011	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	9/23/2011	0.01	0.01	0.10	3.71	16262	99.7240%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.786417192
USGS 05439000	8/7/1988	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/20/1988	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/21/1988	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	8/24/1991	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/11/1999	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/24/1999	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	1/27/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	2/10/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	2/11/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	2/12/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	8/26/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	8/27/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	8/30/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/5/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/6/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/7/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/8/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/9/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/10/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/11/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/18/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/19/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/20/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/23/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/25/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/8/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/9/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/10/2003	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/25/2004	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/26/2004	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/11/2004	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/12/2004	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/13/2004	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	8/28/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	8/29/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	8/30/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	8/31/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/1/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/2/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/3/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/4/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/5/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/6/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/7/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/8/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/9/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	9/10/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/11/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/12/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/13/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/18/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/23/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/7/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/8/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/9/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/10/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/11/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/12/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/13/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/14/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/15/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/16/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/17/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/18/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/19/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/20/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/21/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/22/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/24/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/25/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/26/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/27/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/28/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/29/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/30/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	10/31/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	11/1/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	11/2/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501

Gaging Station	Date	Discharge (CFS)	Gage Discharge (less Surrogate NPDES) (CFS)	Watershed Area Ratio	Calculated flow (CFS)	Rank	Flow Exceedance %	Parameter	Results	Units	LRS Target	L/CF	Actual Load (lbs/day)	Allowable Load (lbs/day)
USGS 05439000	11/3/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	11/4/2005	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	8/15/2006	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	8/16/2006	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	8/17/2006	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	8/22/2006	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	8/23/2006	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	8/24/2006	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	8/25/2006	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	8/26/2006	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	8/27/2006	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/1/2006	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/2/2006	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	8/25/2008	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/1/2008	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/2/2008	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/3/2008	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/17/2011	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/24/2011	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501
USGS 05439000	9/25/2011	0	0	0.10	3.71	16307	100.0000%	Phosphorus, Total	#N/A	mg/L	0.289	28.3	#N/A	5.784933501

Appendix E

Public Comments

Mr. Abel Haile
Illinois Environmental Protection Agency
Bureau of Water
Watershed Management Section, Planning Unit
1021 North Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276

October 27, 2017

Mr. Haile,

I would like to thank you and your staff and also CDM Smith for the time and efforts putting together the Draft Report for the Little Vermilion River watershed.

After your presentation at the public meeting on September 27th, I have complied some concerns and/or comments that were given to me after the meeting.

1. The Little Vermilion River is of utmost importance. Would like to see more focus on Best Management Practices for the slag pile and the river. Along, with the BMP's possibly incorporate some long-term testing procedures, for aquatic life; such as fish, plants, and microorganisms in the river. Also, recommend long-term testing for zinc within the river.
2. Can there be fixed, possibly permanent testing sites for the LVR? Perhaps beginning at the mouth of the LVR and then moving northward and having sites all the way up to Mendota Creek. Where ever it is convenient to place the testing sites, for example, every few miles that have a convenient access to test the stream. To study, the aquatic life, plants, microorganisms, as well as, fecal coliform and other pollutants within the stream. The contrast of what is north of the slag pile verses south of the slag pile.
3. That zinc mining was not taking place at the M & H site, rather zinc smelting was.
4. Better reclamation plans for open pit mines within the Little Vermilion River watershed. More native plantings, grasses, trees, and shrubs.
 - a. Reclamation plans such as the plans for strip mining, which are much more rigorous than open pit mining, need to be in place for the open pit mines. The reclamation laws for open pit mining are outdated and should be patterned after the reclamation laws of strip mining.
5. Have buffers be mandatory for everyone who has property on a tributary of the Little Vermilion River, as well as, the LVR itself. More local, county, state laws for buffers to be required.
6. Tanks at the M & H site contained sulfuric acid. Concerns with the tanks leaking acid and leaching into the soil and into the LVR.

Thank you for hearing the concerns that have been voiced. Please feel free to contact me with any questions that you may have.

Vicki Heath
Resource Conservationist
LaSalle County Soil & Water Conservation District

Cynthia Carus
2541 E 150th Road
Peru, Illinois 61354

October 27, 2017

To:

Able A Haile, Manager
Brian Willard, Project Manager
Planning (TMDL) Unit
Watershed Management Section
Bureau of Water
Illinois Environmental Protection Agency
1021 North Grand Avenue, East
P O Box 19276
Springfield, Illinois 62794-9276

Topic – Comment of Draft
Little Vermilion River (LaSalle County)
Total Maximum Daily Load (TMDL)
Impairments – on Segments – DR – 01, DRD

Dear Sirs:

Thank you for your presentations of the Draft Report on the Little Vermilion River (LaSalle County) by CDM Smith on September 27, 2017 at the LaSalle Library. Enclosed are some suggestions for your consideration.

Section 1 Figure 1-1

Add future test sites between points DR01 – DRD.

The concentration of water testing at the North site of Mendota DRD and the Southern site of LaSalle DR01 leaves miles (20+) of agricultural and mining/quarrying operations adjacent to the river not tested. The agricultural operations and herd grazing generate phosphorous and the potential for fecal coliform. The mining and quarry operations and river bank erosion adds to TSS.

Section 1 Table 1-1

Add to the potential source box the following:

In segment DR01, TSS add mining and quarrying

Fecal Coliform add septic systems and herd grazing

TSS

It is remarkable the mining and quarry operations are not mentioned since large tracts of land are in active operation with reserve acres owned for future growth. At least three corporations are active. We appreciate these corporations while recognizing that they alter the landscape and operate adjacent to the river. Some have had operational mishaps with mining/quarry sludge that escaped to the river which smothered aquatic life.

Fecal Coliform

Between Mendota DRD and LaSalle DR01 there are many rural residential septic systems along the river. Also, Troy Grove is without a sewer system. The City of LaSalle has an old broken sewer system across the M & H Zinc site.

Herd grazing occurs along the water shed.

Adding fecal coliform testing sites between the two sites may help define and address the fecal coliform levels. The DR01 testing segment of the river is south of I80. The upstream data is not known. Perhaps test sites between the two (DRD and DR01) could help identify potential sources.

Section 4 Table 4-2

Consider adding to the potential source box:

TSS - mining and quarrying and riparian erosion

Fecal Coliform – home septic systems and herd grazing

Section 5

5.1.1.1 Zinc Table 5 - 1 and Figure 5 – 2

The measurement on the Table for zinc are micrograms per liter.

The measurement on the Figure for zinc is in milligrams per liter.

Please adjust and review the Figure 5.2 so that it correctly reflects the acute and chronic standards for zinc in streams that are hardness dependent.

Section 8

Table 8-2 in the box of Potential sources for zinc remove mining replace with smelting. Zinc was never mined in LaSalle County.

Section 9

Implementation Plan for the Little Vermilion River Watershed with the BMP recommendations contains many good concepts.

9.9.1 & 9.9.2

Please note zinc ore (ZnS) was not mined in LaSalle County. M & H Zinc converted imported zinc sulfide to zinc oxide and to elemental zinc. Most of the zinc present at the M & H Zinc smelter site is not in the form of zinc sulfide. M & H Zinc was a smelting and rolling operation.

Please consider an additional segment to Section 9 to include a legislative initiative to put into local, county, state and federal regulations a defined measure for riparian setbacks from the stream. Also, upgrading of reclamation standards in mining and quarrying operations to enhance the environment.

i.e. Quarry operations remove 150-year-old oak trees and replace with nonnative grasses. The amount of mining and quarrying along the Little Vermilion River is significant. Future reclamation/development would also be enhanced.

Respectively,

A handwritten signature in cursive script that reads "Cynthia Carus". The signature is written in dark ink and is positioned above the printed name.

Cynthia Carus

Appendix F

Responsiveness Summary

Responsiveness Summary

Little Vermilion River (LaSalle County) Watershed

Total Maximum Daily Load

The responsiveness summary responds to any questions and comments received during the public comment period from September 27, 2017, through October 27, 2017.

What is a TMDL?

A Total Maximum Daily Load (TMDL) is the sum of the allowable amount of a pollutant that a water body can receive from all contributing sources and still meet water quality standards or designated uses. **The Little Vermilion River (LaSalle County) Watershed** TMDL report contains a plan detailing the actions necessary to reduce pollutant loads to the impaired water bodies and ensure compliance with applicable water quality standards. The Illinois EPA implements the TMDL program in accordance with Section 303(d) of the federal Clean Water Act and regulations thereunder.

Background

The watershed targeted for TMDL development is **Little Vermilion River (LaSalle County) Watershed** located in north-central Illinois, flows in a southerly direction, and drains just over 80,000 acres. Most of the watershed (99.5 percent of land area or 80,054 acres) lies within La Salle County. A very small portion of the watershed (362 acres) lies within Bureau County.

The Clean Water Act and USEPA regulations require that states develop TMDLs for waters on the Section 303(d) List. Illinois EPA is currently developing TMDLs for pollutants that have numeric water quality standards. Therefore, Chloride, Zinc, and Fecal Coliform TMDLs were developed for Little Vermilion River, stream segment (DR-01) listed as impaired per the *Draft Illinois Integrated Water Quality Report and Section 303(d) List-2016*.

In addition, a Load Reduction Strategy (LRS) was developed for pollutant(s) that do not have numeric water quality standard. These include Total Phosphorus and Total Suspended Solids for Little Vermilion River (stream segment DR-01) and Total Phosphorus for Mendota Creek (stream segment DRD).

Illinois EPA contracted with CDM Smith (TMDL Consultant) to prepare the TMDL report for the Little Vermilion River (LaSalle County) Watershed.

Public Meetings

The draft Stage One public meeting was held on September 11, 2014, at LaSalle Public Library LaSalle, Illinois and the draft Stage 3 public meeting was held on September 27, 2017, at the same location. Illinois EPA provided public notice for both meetings by placing display ads in LaSalle News Tribune (local newspaper). In addition, a direct mailing was sent to several stakeholders/Permittees in the watershed. These notices gave the date, time, location, and purpose of the meeting. The notice also provided references on how to obtain additional information about this specific site, the TMDL program, and other related information. The draft TMDL report was available for review at LaSalle Public Library, Mendota City Hall, and on the Agency's webpage: www.epa.illinois.gov/public-notices/index.

The Stage 3 public meeting started at 1:00 p.m. on Wednesday, September 27, 2017. It was attended by approximately 14 people and concluded at 3:00 p.m., with the meeting record remaining open until midnight, October 27, 2017.

Questions & Comments

1. The Little Vermilion River (LVR) is of utmost importance. Would like to see more focus on Best Management Practices for the slag pile and the river. Along with the BMP's possibly incorporate some long-term testing procedures, for aquatic life; such as fish, plants, and microorganisms in the river. Also, recommend long-term testing for zinc within the river.

Response: As part of the Implementation Plan, the BMPs outlined in Section 9.9.2 of the report, such as filter strips, WASCObS, and streambank stabilization/erosion control practices are recommended to address the slag pile issues due potential nonpoint runoff. In addition, the Agency will continue its Ambient, Intensive Basin Survey, and other water quality monitoring programs in the watershed that also include zinc among other parameters.

2. Can there be fixed, possibly permanent testing sites for the LVR? Perhaps beginning at the mouth of the LVR and then moving northward and having sites all the way up to Mendota Creek. Where ever it is convenient to place the testing sites, for example, every few miles that have a convenient access to test the stream. To study, the aquatic life, plants, microorganisms, as well as, fecal coliform and other pollutants within the stream, to contrast the results of what is north of the slag pile verses south of the slag pile.

Response: We agree with the suggested comprehensive approach, and as resources become available the Agency will consider expanding the water quality monitoring programs specifically adding more Ambient Water Quality Monitoring Stations in the watershed.

3. That zinc mining was not taking place at the M & H site, rather zinc smelting was.

Response: This has been corrected in the report.

4. Better Reclamation Plans, such as the plans for strip mining for open pit mines, which are much more rigorous than open pit mining, need to be in place for the open pit mine within the Little Vermilion River watershed. The reclamation laws for open pit mining are outdated and should be patterned after the reclamation laws of strip mining. In addition, more native plantings, grasses, trees, and shrubs should be considered.

Response: References to the open pit mines and native planting has been added to the implementation plan (see Page 9-32). Updating reclamation laws is outside of the scope of this TMDL report.

5. Have buffers be mandatory for everyone who has property on a tributary of the Little Vermilion River, as well as, the LVR itself. More local, county, state laws for buffers to be required.

Response: The watershed implementation plan includes riparian buffers as one of the BMPs to address water quality issues in the watershed. The BMPs are voluntary measures and stakeholders are encouraged to take advantage of the various cost-share funding programs listed in the report. Illinois EPA has no authority to mandate NPS pollution or associated BMPs.

6. Tanks at the M & H site contained sulfuric acid. Concerns with the tanks leaking acid and leaching into the soil and into the LVR.

Response: This information was not added. The M&H site is being cleaned up under a separate USEPA program. This TMDL report focused on 303(d) listed impairments based on existing stream conditions.

7. Add future test sites between points DR-01 – DRD (see to Section 1, Fig 1-1). The concentration of water testing at the Northern site of Mendota DRD and the Southern site of LaSalle DR-01, leaves miles (20+) of agricultural and mining/quarrying operations adjacent to the river not tested. The agricultural operations and herd grazing generate phosphorus and the potential for fecal coliform. The mining and quarry operations and river bank erosion adds to TSS.

Response: See response to Comment #1. The following text was added (see page 9-54) - *Multiple stakeholders expressed the desire to add additional permanent monitoring stations along the Little Vermilion River to continue to monitor zinc concentrations and bacteria counts. Targeted monitoring could be focused on areas upstream and downstream of suspected contributors such as the known slag pile for zinc and unsewered areas and/or areas known to be used for grazing for fecal coliform.*

8. In Section 1, Table 1-1, add to the potential source in the box the following: for segment DR-01, TSS, mining, quarrying, fecal coliform, septic systems, and herd grazing.

Response: The information in Table 1-1 was taken from previous Draft Illinois Integrated Water Quality Reports that have been submitted to USEPA for approval, and the Agency's Bureau of Water/Surface Water Section makes the determination for the potential sources of impairments. The Agency will revisit this issue in the next cycle of the Draft Integrated report. Table 8-2 was updated to include additional sources and noted that sources were identified by the 303(d) list and stakeholder comments.

9. It is remarkable the mining and quarry operations are not mentioned since large tracts of land are in active operation with reserve acres owned for future growth. At least three corporations are active. We appreciate these corporations while recognizing that they alter the landscape and operate adjacent to the river. Some have had operational mishaps with mining/quarry sludge that escaped to the river which smothered aquatic life.

Response: Text was added to the landuse discussion in Section 2: *Public comments from watershed stakeholders indicated that a number of mining and quarrying operations are currently active in the area with reserve acres owned for future growth.* References to mining/quarry operations were also included in the implementation section and native planting was added per comment #4.

10. Between Mendota DRD and LaSalle DR-01 there are many rural residential septic systems along the river. Also, Troy Grove is without a sewer system. The City of LaSalle has an old broken sewer system across the M & H Zinc site.

Herd grazing occurs along the water shed. Adding fecal coliform testing sites between the two sites may help define and address the fecal coliform levels. The DR-01 testing segment of the river is south of [I]80. The upstream data is not known. Perhaps test sites between the two (DRD and DR-01) could help identify potential sources.

Response: Additional text was added in the point source and nonpoint source discussion. Sample text includes: *It should be noted that the main outfall for new LaSalle South WWTP discharges to the Illinois River downstream of this watershed, however, through public comment it was noted that an old/abandoned sewer line runs under the Matthiessen and Hegeler Zinc Company Site. Local stakeholders indicated this could be a potential source for fecal coliform.*

11. In Section 4, Table 4-2, consider adding to the potential source box the following:

TSS – mining, quarrying, and riparian erosion

Fecal Coliform — home septic systems and herd grazing

Response: Please refer to response in item # 8.

12. In Section 5.1.1.1. Table 5 - 1 and Figure 5-2, the measurement for zinc are micrograms per liter. The measurement on the Figure for zinc is in milligrams per liter. Please adjust and review the Figure 5.2 so that it correctly reflects the acute and chronic standards for zinc in streams that are hardness dependent.

Response: This has been corrected.

13. In Section 8, Table 8-2, in the box of potential sources for zinc remove mining replace with smelting. Zinc was never mined in LaSalle County.

Response: Please refer to response in item #8.

14. In Section 9.9.1 & 9.9.2 - Implementation Plan for the Little Vermilion River Watershed with the BMP recommendations contain many good concepts.

Please note zinc ore (ZnS) was not mined in LaSalle County. M & H Zinc converted imported zinc sulfide to zinc oxide and to elemental zinc. Most of the zinc present at the M & H Zinc smelter site is not in the form of zinc sulfide. M & H Zinc was a smelting and rolling operation.

Response: This information has been updated/incorporated.

15. Please consider an additional segment to Section 9 to include a legislative initiative to put into local, county, state and federal regulations a defined measure for riparian setbacks from the stream. Also, upgrading of reclamation standards in mining and quarrying operations to enhance the environment, i.e., quarry operations remove 150-year-old oak trees and replace with nonnative grasses. The amount of mining and quarrying along the Little Vermilion River is significant. Future reclamation/development would also be enhanced.

Response: Changing legislation is beyond the scope of this report. Thank you for documenting this need in your comments. The comments are included in the report and stakeholders can work on initiatives like this through their workgroup. Native planting has been added to the implementation section with discussion of mining/quarrying operations in the watershed.

